



# AVISHEK KUMAR

Full Stack Developer

✉ avishek69webdeveloper@gmail.com, avishekkumar69@rediffmail.com

☎ 09631044795

📍 WARD NO-8 HARPUR MAHAMADA PUSA DISTRICT : SAMASTIPUR- BIHAR

🌐 <https://avishekkumar.bsite.net/> 📅 15-09-1969 🏠 Married

🇮🇳 Indian 🧑 Male 📏 5' 5" ♿ NO

## 👤 Profile

Results-driven Full Stack Developer with experience in designing, developing, and maintaining scalable web applications. Proficient in front-end technologies like HTML, CSS, JavaScript, Bootstrap, and back-end technologies including PHP, MySQL, SQL Server, and API integration. Skilled in requirement analysis, database design, and deployment. Adept at working independently as a freelancer and collaborating with cross-functional teams to deliver high-quality solutions on time.

Detail-oriented Full Stack Web Developer with hands-on experience in end-to-end web application development. Currently working as a freelance developer, building a School Management System with role-based modules and database-driven architecture. Strong command over UI/UX design, backend logic, and system optimization. Passionate about solving real-world problems through technology.

Full Stack Developer with strong expertise in front-end and back-end development. Experienced in building dynamic, secure, and responsive web applications using modern technologies. Proven ability to manage complete project lifecycles, from concept to deployment.

## 📁 Professional Experience

02/2024 – 07/2025

Samastipur Bihar india

### ASP.NET Full Stack Developer

*Confederation Horticulture Association of India New Delhi* 🌐

Dedicated Full Stack Developer with hands-on experience in designing, developing, and maintaining web-based applications for organizational and institutional requirements. Proficient in front-end technologies such as HTML, CSS, JavaScript, Bootstrap, and back-end technologies including PHP, MySQL, SQL Server, and database-driven systems.

Experienced in developing management and information systems, including ongoing work on a School Management System, with focus on data accuracy, role-based access, and system scalability. Adept at understanding sector-specific needs and translating them into efficient digital solutions.

Capable of supporting the digital initiatives of the Confederation Horticulture Association of India by developing secure, user-friendly platforms for project management, data reporting, stakeholder communication, and institutional outreach. Strong analytical skills, attention to detail, and commitment to delivering reliable and maintainable software solutions.

02/2024 – 07/2025

Pusa Samastipur-  
Bihar

### **ASP.NET Full Stack Developer**

*Lt. Amit Rural Institute for transformation New Delhi* 

**Committed Full Stack Developer with practical experience in building and managing web-based applications for institutional, educational, and social development initiatives. Skilled in front-end technologies including HTML, CSS, JavaScript, Bootstrap, and back-end technologies such as PHP, MySQL, SQL Server, and database-driven systems.**

**Currently engaged in developing a School Management System, focusing on structured data management, role-based access, and process automation. Possesses a strong understanding of translating organizational and community requirements into user-friendly digital solutions.**

**Well-positioned to support the digital transformation goals of Lt. AMIT Rural Institute for Transformation / Lt. AMIT Memorial Foundation by developing platforms for program monitoring, beneficiary data management, reporting, and outreach. Known for reliability, attention to detail, and a strong sense of social responsibility.**

08/2024 – 12/2024

Patna Bihar

### **Full Stack Developer**

*CSDT IT SOLUTION,PATNA -BIHAR* 

**Skilled Full Stack Developer with hands-on experience in developing, testing, and deploying dynamic web applications for business and institutional use. Proficient in front-end technologies including HTML, CSS, JavaScript, Bootstrap, and back-end development using PHP, MySQL, SQL Server, and RESTful APIs.**

**Experienced in building complete solutions such as management systems and data-driven platforms, with current work on a School Management System emphasizing performance, security, and scalability. Comfortable working in fast-paced IT environments, handling client requirements, and delivering maintainable, cost-effective solutions.**

**Well-suited to contribute to CSDT IT Solution, Patna by supporting custom software development, application maintenance, and digital transformation projects with a strong focus on quality and timely delivery.**

**If you want, I can also:**

08/2015 – 11/2023

Mahamada Pusa  
Samastipur- Bihar

### **Computer Operator**

*LPG BHARAT PETROLEUM CORPROATION LIMITED (M/S MARUTI ENTERPRISES)* 

**Detail-oriented Computer Operator with experience in handling data entry, record maintenance, and office automation tasks in an organized and accurate manner. Proficient in MS Office (Word, Excel, PowerPoint), internet operations, email correspondence, and basic database handling. Capable of managing digital records, reports, and official documentation while maintaining confidentiality and data integrity.**

**Possesses a good understanding of office procedures, coordination with departments, and supporting day-to-day administrative and operational activities. Reliable, disciplined, and well-suited to support LPG operations at Bharat Petroleum Corporation Limited (BPCL), Mahamada Pusa with accuracy, efficiency, and adherence to organizational guidelines.**

## Education

08/2024 – 12/2024

Patna -Bihar

### **Diploma in Web development and Database development**

*CSDT IT SOLUTION* 

**CSDT IT Solution is a technology-driven IT services and software development firm based in Patna, Bihar, focused on delivering reliable, cost-effective, and scalable digital solutions. The company specializes in custom software development, web application development, IT support services, and digital solutions tailored to meet the needs of businesses, educational institutions, and organizations.**

**With a strong emphasis on quality, performance, and user-friendly design, CSDT IT Solution works closely with clients to understand their requirements and transform them into practical technology solutions. The organization is committed to supporting digital transformation initiatives through secure systems, efficient workflows, and timely project delivery.**

**CSDT IT Solution aims to empower clients by leveraging modern technologies, structured development practices, and dedicated technical expertise to achieve long-term operational efficiency and growth.**

08/1991 – 12/1997

Bangalore/Karnataka

### **Diploma In Computer Science and Engineering**

*Dayananda Sagar Institute of Technology bangalore/Board of Technical Examination Government of Karnataka -Bangalore* 

#### **About**

#### **Dayananda Sagar Institute of Technology**

**Dayananda Sagar Institute of Technology (DSIT) a leading Polytechnic Institution was established in the year 1980, under the aegis of Mahatma Gandhi Vidya Peetha (MGVP) vide Government Order No ED 88 TPE 80, Bangalore, dated 25th July 1980 with Civil, Mechanical & Electrical courses. Later, additional courses like Electronics, Computer Science and Information Science were started in due course.**

**Affiliated with DTE**

**Approved by AICTE**

05/1985 – 1987

Patna -Bihar

### **Intermediate or XIIth**

*Sir Ganesh Dutt Patliputra inter School -Patna -Bihar (Bihar School Examination Board-Patna -Bihar)* 

**Sir Ganesh Dutt Patliputra Inter School, located in Patna, Bihar, is a reputed educational institution committed to providing quality education and holistic development to students. The school is affiliated with the Bihar School Examination Board (BSEB), Patna, and follows the prescribed curriculum and academic guidelines of the Board.**

**The institution focuses on nurturing academic excellence along with moral values, discipline, and social responsibility. With a dedicated team of qualified teachers and supportive staff, the school aims to create a positive learning environment that encourages critical thinking, creativity, and continuous improvement.**

**Sir Ganesh Dutt Patliputra Inter School emphasizes inclusive education, student-centered teaching methods, and regular assessment to ensure overall development. Along with academics, the school promotes co-curricular activities to help students build confidence, leadership qualities, and life skills.**

**The school remains committed to shaping responsible citizens and preparing students for higher education and future challenges through a balanced and value-based education system.**

01/1984 – 03/1985

**Secondary or Xth**

*Shri Durga High School Lakhisarai-Bihar (Bihar School Examination Board -Patna -Bihar) ©*

#### **About Shri Durga High School**

**Lakhisarai, Bihar**

**Shri Durga High School, situated in Lakhisarai district of Bihar, is a well-established educational institution dedicated to providing quality secondary education to students from diverse backgrounds. The school is committed to academic excellence, discipline, and character building, creating a strong foundation for students' future growth.**

**The institution follows the curriculum and academic framework prescribed by the Bihar School Examination Board (BSEB), Patna, ensuring that students receive education aligned with state educational standards. With a team of qualified and experienced teachers, the school focuses on effective teaching methodologies, continuous evaluation, and student-centric learning.**

**Shri Durga High School emphasizes not only scholastic achievement but also moral values, social responsibility, and co-curricular development. The school strives to nurture responsible, confident, and capable individuals who are prepared to face academic and life challenges with integrity and determination.**

## Skills

### Front-End Web Development Skills ● ● ● ● ●

#### Front-End Skills

- ◆ Core Web Technologies
- HTML5
- CSS3
- JavaScript (ES6+)
- DOM Manipulation
- Semantic HTML

### Front-End Skills ● ● ● ● ●

- ◆ CSS Frameworks & Libraries
- Bootstrap
- Tailwind CSS
- Material UI
- Foundation

### Front-End

- ◆ UI / UX Skills
- Cross-Browser Compatibility
- Mobile-First Design
- UI Component Design
- Accessibility (WCAG basics)
- User Experience Optimization

### Back-End Web Development ● ● ● ● ●

#### Back-End Skills

- ◆ Programming Languages
- PHP
- Java
- Python
- Node.js
- C# (.NET)
- Ruby

### Database Management

- ◆ Database Management
- MySQL
- PostgreSQL
- SQL Server
- Oracle
- MongoDB
- SQLite
- Database Design & Normalization
- Query Optimization
- Stored Procedures

### Data Handling

- ◆ Data Handling
- CRUD Operations
- File & Media Management
- Data Validation
- Data Migration

### Front-End Skills ● ● ● ● ●

- ◆ CSS & Styling
- Responsive Web Design
- Flexbox
- CSS Grid
- Media Queries
- CSS Animations & Transitions
- Custom Themes & Layouts

### Front-End

- ◆ JavaScript Libraries & Frameworks
- React.js
- Angular
- Vue.js
- jQuery

### Front-End

- ◆ Front-End Tools & Build Systems
- VS Code

### Back-End Skills ● ● ● ● ●

- ◆ Back-End Frameworks
- ASP.NET [↗](#)

### Web Servers & Hosting

- ◆ Web Servers & Hosting
- Apache
- Nginx
- IIS
- Shared Hosting / VPS
- Domain & DNS Management

## Languages

Hindi, English



## Projects

12/2024 – 02/2025

### Library Management System

*Desk Top Application Project*

#### Library Management System – Desktop Application (ASP.NET Web Forms)

The Library Management System is a desktop-based application developed using ASP.NET  Web Forms to automate and manage the daily operations of a library. The system is designed to efficiently handle book records, member management, issue/return processes, and reporting through a centralized and secure platform.

The application provides modules for book cataloging, student/member registration, book issue and return, fine calculation, and inventory tracking. Role-based authentication allows librarians and administrators to manage library activities securely and accurately. The system maintains detailed records of books, members, transactions, and availability status in a structured database.

Built using ASP.NET  Web Forms with SQL Server, the application ensures reliable performance, data consistency, and easy maintenance. Form-based interfaces simplify data entry and validation, reducing manual errors and improving operational efficiency. The system also generates daily, monthly, and category-wise reports to assist library administration and decision-making.

The Library Management System reduces paperwork, improves book tracking accuracy, and enhances the overall efficiency of library services, making it suitable for schools, colleges, and institutional libraries.

#### Key Features

- Book Registration & Classification
- Member / Student Management
- Book Issue & Return System
- Automatic Fine Calculation
- Search & Availability Tracking
- Role-Based Login (Admin / Librarian)
- Reports & Record Management

#### Technologies Used

- ASP.NET  Web Forms
- C#
- SQL Server
- Windows Desktop Environment
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11/2024 – 12/2024

### Hospital Management Project

*Desk -Top Application Project*

#### Hospital Management System – Desktop Application (Web Forms)

The Hospital Management System (HMS) is a desktop-based application developed using Web Forms technology to automate and manage the day-to-day administrative, clinical, and operational activities of a hospital. The system is designed to improve efficiency, accuracy, and data management by providing a centralized platform for hospital operations.

The application includes modules for patient registration, doctor management, appointment scheduling, billing, laboratory records, pharmacy management, and report generation. It supports role-based access control, ensuring that administrators, doctors, nurses, and staff can securely access relevant system features based on their responsibilities.

The system uses a relational database to store patient records, medical history, prescriptions, billing details, and inventory information. Built-in validation and structured workflows help reduce manual errors and improve data integrity. The application also generates daily, monthly, and department-wise reports to support hospital administration and decision-making.

By using Web Forms in a desktop environment, the system provides a user-friendly interface with form-based data entry, secure authentication, and reliable performance. The Hospital Management System enhances operational transparency, reduces paperwork, and supports better patient care through efficient digital record management.

#### Key Features

- Patient Registration & Medical Records
- Doctor & Staff Management
- Appointment Scheduling
- Billing & Payment Management
- Laboratory & Pharmacy Modules
- Role-Based Login System
- Reports & Data Export

#### Technologies Used

Web Forms (ASP.NET [↗](#) )

SQL Server

01/2026 – Present

#### School Management Project [↗](#)

*Technologies Used / Planned Front-End: HTML, CSS, JavaScript, Bootstrap Back-End (Planned): PHP / ASP.NET / Node.js Database (Planned): MySQL / SQL Server*

#### School Management System – Under Construction (Front-End & Back-End Based)

The School Management System is a web-based application currently under development, designed to digitalize and streamline academic and administrative operations of a school. The project is being developed using modern front-end and back-end technologies, with the front-end development in progress and back-end integration planned in the next phase.

The front-end layer focuses on creating a responsive, user-friendly interface for modules such as student management, staff information, admissions, academics, fee structure, notices, and dashboards. Emphasis is placed on clean UI design, accessibility, and ease of navigation to ensure a smooth user experience.

The upcoming back-end integration will include database management, authentication, role-based access control, business logic, and report generation. The system will support secure data storage, efficient record handling, and seamless communication between different modules.

Once completed, the School Management System will provide a centralized platform for administrators, teachers, students, and parents to manage academic records, attendance, fees, and communication efficiently. The project aims to reduce manual processes, improve transparency, and enhance overall institutional management.

#### Current Project Status

-  Front-End Development: In Progress
-  Back-End Development & Integration: Planned / Upcoming

#### Planned Features

- Student, Teacher & Staff Management
- Admission & Academic Modules
- Attendance & Examination Records
- Fee & Finance Management
- Role-Based Login System
- Reports & Dashboard Analytics

#### Technologies Used / Planned

Front-End: HTML, CSS, JavaScript, Bootstrap Back-End (Planned): PHP / ASP.NET  / Node.js Database (Planned): MySQL / SQL Server

## Courses

08/2024 – 12/2024

Patna -Bihar

### Web Development and Database Development

*CSDT IT SOLUTION ,PATNA -BIHAR*

#### About Courses: Web Development & Database Development

##### Web Development

The Web Development course is designed to provide practical knowledge and hands-on experience in building modern, responsive, and user-friendly websites and web applications. The course covers both front-end and back-end development concepts, enabling learners to understand complete application workflows.

Participants will learn core technologies such as HTML, CSS, JavaScript, and Bootstrap, along with server-side development and basic security practices. The course emphasizes real-world projects, form handling, validations, and deployment concepts, helping learners develop industry-relevant skills.

This course is suitable for students, beginners, and professionals who want to build a strong foundation in web application development.

##### Database Development

The Database Development course focuses on designing, creating, and managing structured databases for software and web applications. Learners gain practical exposure to database concepts, relational database design, and SQL programming.

The course covers database creation, table design, relationships, CRUD operations, stored procedures, and data security. Emphasis is placed on performance optimization, data integrity, and real-time data handling using databases such as MySQL or SQL Server.

This course helps learners develop the skills required to manage application data efficiently and supports roles in software development, data management, and IT operations.

#### Key Learning Outcomes

- Understanding of front-end and back-end web technologies
- Ability to develop dynamic, database-driven web applications
- Strong foundation in SQL and database management
- Hands-on project experience
- Industry-oriented practical skills

08/1991 – 12/1997

#### Diploma Computer Science and Engineering

*Dayananda Sagar Institute of Technology Bangalore*

#### Diploma in Computer Science and Engineering

The Diploma in Computer Science and Engineering is a technical program designed to provide students with a strong foundation in computer systems, software development, and information technology. The course focuses on both theoretical concepts and practical skills, preparing students for entry-level roles in the IT industry or for higher studies.

The curriculum covers core subjects such as Programming Fundamentals, Data Structures, Database Management Systems, Web Development, Operating Systems, Computer Networks, and Software Engineering. Emphasis is placed on hands-on laboratory work, project-based learning, and real-world problem-solving.

Students gain practical exposure to modern tools and technologies, including programming languages, database systems, and web technologies, enabling them to design, develop, and maintain software applications. The program also promotes logical thinking, analytical skills, and professional ethics.

Upon completion, diploma holders are equipped to work as Junior Software Developers, Computer Operators, Web Developers, Database Assistants, or IT Support Professionals, and can also pursue lateral entry into degree-level engineering programs.

#### Key Learning Outcomes

- Strong foundation in computer science fundamentals
- Practical skills in programming and database management
- Understanding of software and web application development
- Industry-oriented project experience
- Readiness for employment or higher education

## Organisations

02/2024 – 07/2025

New Delhi ,India

#### Confederation Horticulture Association of India

*Full Stack Developer*

The *Confederation of Horticulture Association of India (CHAI)*, New Delhi is a national-level organization dedicated to the promotion and development of horticulture in India. The organization works to support farmers, agribusinesses, researchers, and stakeholders by encouraging innovation, sustainable practices, policy advocacy, and market development in the horticulture sector.

**Role: Full Stack Developer** As a Full Stack Developer, I was responsible for developing and maintaining web-based platforms to support the organization's digital operations and outreach. My key responsibilities included:

- Designing and developing responsive websites and web applications
- Managing front-end and back-end development
- Integrating databases and ensuring data security
- Maintaining event registration and information management systems
- Providing technical support and improving system performance

02/2024 – 07/2024

New Delhi India

**Lt. Amit Memorial Rural Institute for transformation** [🔗](#)

*Full Stack Developer*

**ALT. Amit Memorial Rural Institute for Transformation** is a social development organization focused on empowering rural communities through education, technology, skill development, and sustainable growth initiatives. The mission of the organization is to drive positive transformation in rural areas by providing access to digital solutions, training programs, and community development projects.

**Role: Full Stack Developer** As a Full Stack Developer, I was responsible for designing, developing, and maintaining web applications to support the organization's digital initiatives. My key responsibilities included:

- Developing front-end and back-end applications
- Managing databases and server-side logic
- Improving website performance and security
- Collaborating with teams to build scalable digital solutions
- Supporting technical infrastructure for online programs and services

08/2024 – 12/2024

Patna Bihar

**CSDT IT SOLUTION** [🔗](#)

*Full Stack Developer*

**CSDT IT Solution, Patna, Bihar** is an IT services and consulting company that provides software development, website development, digital solutions, and technical support services to businesses and institutions. The organization focuses on delivering reliable, scalable, and cost-effective technology solutions to clients.

**Role: Full Stack Developer** As a Full Stack Developer, I was responsible for designing, developing, and maintaining web applications and software solutions for various clients. My key responsibilities included:

- Developing responsive front-end interfaces and robust back-end systems
- Creating and managing databases
- Integrating APIs and third-party services
- Testing, debugging, and optimizing applications
- Providing ongoing maintenance and technical support

08/2015 – 11/2023

Samastipur- Bihar

**M/S MARUTI ENTERPRISES LPG BHARAT PETROLEUM CORPORATION LIMITED**

*COMPUTER OPERATOR*

**Maruti Enterprises (LPG), Bharat Petroleum Corporation Limited** is an LPG distribution and service unit operating under Bharat Petroleum Corporation Limited (BPCL), engaged in the distribution of LPG cylinders and related customer services.

**Role: Computer Operator** As a Computer Operator, I was responsible for handling daily data entry, customer records, and operational support activities. My key responsibilities included:

- Managing customer database and LPG booking records
- Processing billing, invoices, and delivery updates
- Maintaining stock and dispatch records
- Preparing daily reports and MIS documentation
- Coordinating with staff to ensure smooth operational workflow

## Interests

- Web Development & Emerging Technologies
- Learning New Programming Languages
- Problem Solving & Logical Challenges
- Open Source Contributions
- Reading Technology Blogs
- Community Development Initiatives
- Team Collaboration Activities
- Continuous Skill Development
- Tech Workshops & Seminars

## Declaration

I hereby declare that all the details mentioned above are accurate and complete to the best of my knowledge and I take full responsibility for their authenticity.

*Avishek Kumar*

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**AVISHEK KUMAR**

Mahamada Pusa Samastipur- Bihar India -848125

## Custom

**Meeting with AVISHEK KUMAR** 

*Online Meeting for Discussions*

I am available for an online discussion meeting at any time between 10:00 AM and 5:00 PM. Kindly use the following Microsoft Teams link to join at your convenience: <https://teams.live.com/meet/9388107258495?p=ORUPAECR9twBDkyuDI> 