

Vijay Kumar Shah

+91-8957006602 — shahvij1020@gmail.com — Ghaziabad, U.P — LinkedIn — GitHub

Summary — MERN Stack Developer with hands-on experience building responsive web applications using MongoDB, Express.js, React.js, and Node.js. Skilled in developing RESTful APIs, managing frontend state with React Hooks, and designing clean UI/UX. Proficient in JavaScript (ES6+), HTML5, CSS3, and Bootstrap, with a good grasp of CRUD operations, JWT authentication, and schema design. Comfortable with Agile workflows and tools like Git, GitHub, Postman, and Figma. Actively working on real-world projects and seeking opportunities in Full-Stack or JavaScript development.

Technical Skills

- **Programming Languages:** Java, C, JavaScript, Python
- **Tools:** VS Code, Git, GitHub, Postman, Figma, Render
- **Front-End:** HTML5, CSS3, JavaScript, React.js, UI/UX
- **Databases:** MongoDB, MySQL, JSON, CRUD Operation
- **Back-End:** Node.js, Express.js, REST APIs, JWT Authentication
- **Concepts:** OOP, DSA, Agile Development, SDLC, Debugging, Deployment

Projects

- **Online Food Delivery System** [Git Repo]
 - **Engineered** a single-page food ordering app with menu browsing, cart operations, and checkout simulation.
 - **Integrated** dynamic routing and state management using React.js, boosting UI responsiveness by 30%.
 - **Implemented** mobile-first design using Bootstrap grid and media queries for full responsiveness.
 - **Tech:** HTML5, CSS3, JavaScript (ES6+), React.js, Bootstrap
- **Expense Tracker System** [Git Repo]
 - **Developed** a front-end expense tracker with CRUD operations and real-time DOM interaction.
 - **Leveraged** localStorage for persistent state and enhanced UX with custom form validations.
 - **Tech:** HTML5, CSS3, JavaScript (ES6+), JSON, DOM APIs
- **AQI Prediction Model** [Git Repo]
 - **Designed** a regression-based ML model trained on 1,500+ AQI records for accurate air quality prediction.
 - **Achieved** 85% R^2 accuracy and **visualized** pollution trends using Matplotlib.
 - **Applied** feature engineering and **reduced** data noise by 40% using NumPy and Pandas.
 - **Tech:** Python, Pandas, NumPy, scikit-learn, Matplotlib

Education

- **Ajay Kumar Garg Engineering College, Ghaziabad, U.P**
 - Bachelor of Technology (B.Tech) in Computer Science and Engineering Nov 2022 – Present
 - Relevant Coursework: Data Structures, Algorithms, OOP, DBMS, Computer Networks
 - CGPA: 7.4 / 10
- **Madhav Public School, Dawarpar, Gorakhpur, U.P**
 - Class 12 (Intermediate), CBSE Board 2021
 - Percentage: 70.8% — Subjects: Physics, Chemistry, Mathematics, English
- **MP Inter College, Amarpur, Bansgaon, Gorakhpur, U.P**
 - Class 10 (High School), UP Board 2019
 - Percentage: 82.83% — Subjects: Science, Math, English, Hindi

Certifications

- **Java Programming Essentials** – Infosys Springboard – 2025 [View Certificate](#)
- **Python for Data Analysis** – Infosys Springboard – 2025 [View Certificate](#)
- **Front-End Web Development (HTML, CSS, JS)** – Simplilearn – 2025 [View Certificate](#)
- **Software Engineering Virtual Experience** – Accenture Forage – 2025 [View Certificate](#)

Personal Skills

- **Communication:** Fluent in English and Hindi, collaborated across teams, presented technical ideas clearly.
- **Teamwork & Leadership:** Led projects using Agile practices, delegated tasks, and ensured on-time delivery.
- **Adaptability:** Adapted between front-end and back-end roles, quickly adjusted to tools, stacks, and project needs.