

MD SHAMOEL FAROOQUI

Full Stack Developer

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Summary

Full-Stack Developer proficient in the MERN stack (MongoDB, Express.js, React.js, Node.js), building responsive web apps with real-time features and secure authentication. Experienced in integrating AI/ML components, payment gateways, and cloud services. Passionate about creating scalable, user-friendly solutions.

Skills

Programming & Frameworks: JavaScript, Python, Java, SQL, HTML, CSS, React.js, Node.js, Express.js, Redux Toolkit

Databases & APIs: MongoDB, Mongoose, REST APIs, Firebase, JWT, Socket.io

AI/ML & Data Tools: NumPy, Pandas, Matplotlib, Scikit-learn (learning), EDA, Data Cleaning

Tools & Platforms: Git, GitHub, VS Code, Tailwind CSS, Cloudinary, Render

Experience

Virtual Intern – Software Development

April 2025 – June 2025

Deloitte (Remote)

Tools Used: Python, JSON, Unittest, Git

- Engineered Python scripts to reconcile and merge telemetry data from 50+ IoT devices
- Applied the `unittest` framework to execute 25+ automated test cases, reducing debugging time and increasing code reliability.
- Collaborated in a virtual team of 5 to analyze manufacturing datasets and deliver insights, contributing to the design of a real-time monitoring solution.

Projects

Glamzy – E-commerce Website with AI Assistant | MERN, Tailwind, JWT, Firebase, etc May 2025 – June 2025

- Engineered a full-stack MERN e-commerce platform with responsive UI and product collections for men, women, and kids.
- Integrated a voice-enabled AI assistant (Web Speech API + OpenAI API), improving navigation speed and user experience.
- Applied secure authentication with Email/Password, Google OAuth (Firebase), and JWT-based session handling.
- Designed an admin dashboard for CRUD operations, order tracking, and AI-driven product recommendations.
- Optimized routing and state management with React Router and Context API for seamless cross-device performance.

Vibely – Real-time Chat Application | React, Redux, Node, Express, MongoDB, Socket.io, etc. July 2025 – Aug 2025

- Engineered a real-time 1:1 chat application with Socket.io, featuring live typing indicators, online status, and instant messaging.
- Applied JWT authentication and MongoDB/Mongoose for secure user and chat data management.
- Integrated Cloudinary for image uploads, optimizing media handling in conversations.
- Leveraged React with Redux Toolkit for responsive UI/UX and seamless state management across devices.

Awards & Certifications

- **Deloitte Software Engineering Virtual Experience – 2025:** Developed Python scripts to reconcile telemetry data from IoT devices, implemented automated testing with `unittest`, and collaborated virtually on manufacturing data analysis solutions.
- **Google Cloud Skills Boost – 2025:** Completed Introduction to Generative AI Studio, gaining practical exposure to AI/ML concepts.
- **LeetCode Achievement – 2025:** Achieved 1550+ rating with 300+ DSA problems solved.

Education

National Institute of Technology (NIT) Patna

Expected Graduation: 2027

B.Tech. in Electronic and Communication

- Relevant Coursework: Data Structures & Algorithms, Database Management Systems, Operating Systems, Computer Networks, Web Development.