Shahnwaj Alam

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Professional Summary

Accomplished Full-Stack Developer with expertise in JavaScript, React, Node.js, MongoDB, Express.js, HTML, CSS, and TailwindCSS. Proficient in architecting scalable web applications and RESTful APIs to deliver robust solutions. Skilled in designing responsive, user-centric interfaces to optimize engagement. Adept at leveraging Git, Agile methodologies, and collaborative development to drive project success.

Education

B.Tech, Computer Science and Engineering   2020–2024
Quantum University, Roorkee, India   GPA: 7.41/10

- Directed **Codex Club** initiatives to advance web development proficiency.

- Organized competitive programming events to enhance technical skills.

- Mentored peers in data structures, algorithms, and technical interview strategies.

Key Projects

Social Media Platform Clone

2024

- Spearheaded development of a responsive social media platform using HTML, CSS, and JavaScript.

- Engineered secure authentication and real-time updates via RESTful APIs, achieving 90% UI/UX fidelity.

- Streamlined GitHub-based workflows, reducing development time by 30% through Agile practices.

- GitHub: github.com/shahnwajalam10/Facebook-Clone

- Demo: splendorous-duckanoo-efcf4f.netlify.app

Blog Application (MERN Stack)

2023

- Architected a full-stack blog platform using React, Node.js, Express.js, MongoDB, and TailwindCSS.

- Developed and validated RESTful APIs with 99% reliability using Postman and Thunder Client.

- Optimized MongoDB queries, improving API response time by 30%.

- GitHub: github.com/shahnwajalam10/BLOG-APP

- Demo: blog-app-seven-iota.vercel.app

AI Chat Assistant

2024

- Developed an AI-powered chat application using React.js and TailwindCSS, integrated with Google Gemini Flash 2.0 API.

- Demonstrated proficiency in API integration, frontend development, and building intelligent user interfaces.

- GitHub: github.com/shahnwajalam10/ai-chat-app

- Demo: https://ai-chat-chi-rust.vercel.app/

Technical Skills

- **Programming Languages**: JavaScript (ES6+), C++, Data Structures, Algorithms

- **Frontend Development**: React, TailwindCSS, Redux, HTML, CSS, React Testing Library

- **Backend Development**: Node.js, Express.js, RESTful APIs, MongoDB, MySQL

- **Tools and Technologies**: Git, GitHub, Webpack, Babel, VS Code, IntelliJ, Eclipse, npm, Yarn, Postman

- **Professional Competencies**: Agile Methodologies, Team Leadership, Problem-Solving, Collaboration

- **Competitive Programming**:

  - CodeChef: Solved 50+ problems with consistent contest performance
  - GeeksforGeeks: Contributed and solved 100+ coding problems

Certifications

- Cyber Security Awareness Training, Quick Heal Academy (Certificate)

- Database Foundations, Oracle Academy (Certificate)