Safwan Ahmed

📞 +91 8108360326 ✉ saffan840@gmail.com in linkedin.com/safwan-ahmed-shaikh

Professional Summary

Full-stack Software Engineer with expertise in React, Next.js, and Node.js. Experienced in building scalable web applications, optimizing backend systems, and implementing secure cloud-based solutions. AWS Certified Developer with proven impact in reducing operational overhead and improving user engagement.

Education

Mumbai University   June,2021 - May 2024
Bachelor of Science in Computer Science (CGPA: 7.93)   *Mumbai, Maharashtra*
- **Relevant Coursework:** Data Structures and Algorithms, Prob & Stat in CS (Python), Linear Algebra w/Computational Applications (Python)

Experience

Deloitte   Aug 2024 – Present
Associate Analyst   *Pune, Maharashtra*
- Engineered a full-stack Learning & Development portal using React.js, Node.js, Express.js, and MySQL, centralizing course listings and automating training compliance tracking, which improved audit readiness and streamlined professional development workflows.
- Developed and deployed automation solutions with Python and Flask, saving over 100 hours of manual work annually and reducing operational errors by 30%.
- Optimized complex MySQL queries and indexing strategies, reducing page load times by 15% and improving system responsiveness for high-traffic applications.
- Developed a plug-and-play automation tool integrated with ServiceNow, automating shift handover reports and reducing manual reporting effort by 80%, while improving accuracy and knowledge transfer efficiency.
- Delivered L3 (Level 3) production support for critical Delivery and Information applications, including Canada Postal, troubleshooting complex issues, ensuring 99.9% uptime, and minimizing downtime for business-critical operations.

ILM UX   Jan 2022 – Aug 2024
Software Engineer Intern   *Navi Mumbai, Maharashtra*
- Developed a high-performance website by integrating Storyblok with Next.js, improving page load speed by 30% and increasing organic traffic by 20% through enhanced SEO practices.
- Built and published a reusable UI component library with Chakra UI and Storybook as an NPM package, standardizing design and reducing development time for new projects by 25%.
- Engineered a comprehensive banking website leveraging Next.js, Chakra UI, SWR, and Zustand, resulting in a 40% reduction in bug reports and a 15% increase in user satisfaction scores.
- Designed and implemented a secure Backend-for-Frontend (BFF) architecture, abstracting backend endpoints and reducing security vulnerabilities by 30%.
- Established unit testing frameworks, applied SOLID principles, and conducted code reviews, increasing code coverage by 35% and decreasing post-release defects by 20%.
- Implemented secure authentication and authorization using Passport.js and JWT, achieving 100% compliance with internal security audits and improving data privacy.
- Developed a high-performance website by integrating Storyblok with Next.js, improving page load speed by 30% and increasing organic traffic by 20% through enhanced SEO practices.

Projects

Tunnel – Real-Time Chat Application | Next.js, Node.js, Express, MongoDB, Socket.io, Chakra UI
- Engineered a scalable real-time chat application supporting instant messaging and group conversations, increasing user engagement by 30% within three months of launch.
- Designed and deployed RESTful APIs with Node.js and Express, improving data retrieval efficiency by 30% and enabling seamless client-server communication.
- Implemented WebSocket-based communication with Socket.io, reducing message latency by 20% and enhancing real-time responsiveness.
- Enhanced user experience by integrating customizable light/dark themes, boosting user satisfaction and adoption.

Technical Skills

Languages: TypeScript, JavaScript, Python, SQL
Frameworks & Libraries: React.js, Angular.js, Next.js, Node.js, Express.js, NestJS, Flask, Redux, Zustand, Bootstrap
Technologies & Tools: AWS, Azure, Docker, Socket.io, Git, Linux, Storybook, Chakra UI
Databases: MongoDB, MySQL
Concepts: Data Structures & Algorithms (DSA), Operating Systems, Authentication & Authorization, Encryption & Decryption, Artificial Intelligence, Machine Learning, Database Normalization, Cloud Computing, Microservices
Professional Skills: Agile Software Development, Unit Testing, Code Review, Multitasking & Prioritization, Continuous Improvement Mindset

Certifications

AWS Certified Developer – Associate
HackerRank Certified JavaScript Developer
HackerRank Certified Node.js Developer
HackerRank Certified Frontend Developer (React.js)
Agile Project Management Practitioner

Awards & Recognition

Deloitte – Applause Award (2024): Received twice for outstanding contributions to the Canada Post project, including automation initiatives that saved 900+ hours annually.
ILM UX – Bronze Performer Award (2023): Recognized as a top performer for delivering impactful projects and driving innovation within the development team.