SHAIK SAFIYA

Software Engineer | Full-Stack Developer | React | Python | Node.js

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Professional Summary

Versatile Software Engineer with **4 years** of experience in designing, developing, and deploying complete, **360-degree web solutions** at Trangla. Proven expertise in bridging frontend and backend development, utilizing **React, Next.js, and TypeScript** for the UI, and **Python (FASTAPI) and Node.js** for robust backend services. Skilled in the full software lifecycle, from architecture and CI/CD pipeline management (Docker, AWS) to mentorship and code review.

Professional Experience

Software Engineer | Trangla Jul 2021 – Present | Hyderabad, Telangana

Demonstrated full-stack versatility by contributing to all phases of development across diverse client projects, from UI implementation to backend architecture and deployment.

Full-Stack Development:
- Led the end-to-end development of 5+ client applications, contributing to the React/Next.js frontend architecture and the Python (FastAPI) / Node.js backend services.
- Engineered scalable microservices using FastAPI, handling 20K+ daily API requests for a high-traffic client dashboard.
- Designed and implemented secure, stateful authentication systems using **FastAPI**, **Node.js**, **Express**, and **JWT**.

Frontend Leadership:
- Designed and maintained a reusable component library in **React** and **TypeScript**, reducing new feature development time across projects by 30%.
- Optimized frontend performance by 40% through **code splitting**, **lazy loading**, and **Next.js server-side** rendering (SSR).

DevOps & Mentorship:
- Established and managed CI/CD pipelines using Docker and GitHub Actions for automated testing and deployment to AWS, reducing manual deployment errors by 90%.
- Mentored and onboarded 3+ junior developers, conducting code reviews and championing best practices in testing and clean code.
- Implemented comprehensive testing strategies using **Jest** and **React Testing Library**, achieving 85% code coverage and significantly reducing production bugs.
- Collaborated closely with backend teams to design and integrate **RESTful APIs**, ensuring seamless data flow and application functionality.

Technical Skills

- **Frontend**: React, Next.js, JavaScript (ES6+), TypeScript, Redux, HTML5, CSS3, Tailwind CSS
- **Backend**: Python, FASTAPI, Node.js, Express.js, RESTful APIs
- **Databases**: PostgreSQL, MySQL, MongoDB
- **Cloud & DevOps**: AWS (EC2, S3, Lambda), Docker, CI/CD, Git, GitHub Actions, Vercel
- **Methodologies**: Agile/Scrum, Full-Stack Development, Code Reviews, Mentorship, TDD

Education

Bachelor of Computer Applications (BCA) - 2018 - 2021

Key Projects

Enterprise Resource Planning (ERP) Portal | React.js, TypeScript, Node.js, PostgreSQL, Docker

- Led the full-stack development of a custom ERP system for a logistics client to manage inventory, billing, and user roles.
- Built a secure, multi-tenant backend with Node.js and designed a complex, data-intensive dashboard using React and Redux for state management.

Impact: **Streamlined client's internal operations, reducing manual data entry by 50%.**

AI-Powered Content Generation Tool | Python, FASTAPI, OpenAI API, React, AWS

- Engineered the backend API using FASTAPI to integrate with the OpenAI API, creating a tool for automated content generation.
- Deployed the service as a scalable Docker container on AWS, serving a simple React-based internal frontend.

Impact: **Automated internal content creation, saving an estimated 20+ hours of manual work per week.**

Enterprise Job Board | React, TypeScript, Shadcn/UI, Tailwind CSS, REST APIs

- Built a full-stack job portal featuring advanced filtering, application tracking, and employer dashboards.
- Designed and implemented a design system using Shadcn/UI and Tailwind CSS, ensuring consistent branding across all client projects.
- Integrated multiple third-party APIs for enhanced functionality including payment processing and email notifications.

Impact: **Reduced client onboarding time by 50% through reusable component architecture.**

E-commerce Platform Migration | Next.js, TypeScript, Tailwind CSS, Vercel

- Spearheaded the migration of a client's legacy e-commerce site from a monolithic architecture to a high-performance Next.js (SSR) application.
- Implemented a modern design system using Tailwind CSS, ensuring full responsiveness and accessibility (WCAG).

Impact: **Improved Lighthouse performance scores by 60% and increased organic SEO traffic by 25% in three months.**