

SHAIK SAFIYA

SoftwareEngineer|Full-StackDeveloper | React | Python | Node.js

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Professional Summary

Versatile Software Engineer with 3.5years 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.