

Shivang Kanaujia

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Summary

Junior Engineer at Aalgorix with production experience across frontend, backend, and deployment. Worked on real-user issues including authentication failures, course access logic, API mismatches, and containerized deployments using Docker. Active open-source contributor with 7+ merged pull requests across React and TypeScript projects.

Technical Skills

Proficient: JavaScript, TypeScript, React, Next.js, Node.js, Express.js, REST APIs, PostgreSQL, MongoDB, TailwindCSS, Docker, Git, GitHub, Prisma ORM, OAuth/JWT Authentication, Postman

Familiar: Kubernetes, AWS (EC2, Auto Scaling Groups), Digital Ocean, Redis, Kafka, WebSockets, Microservices Architecture, C++, Jenkins

Work Experience

Junior Engineer

Aalgorix

Dec 2025 - Present

Greater Noida, India

- Deployed and maintained containerized applications on DigitalOcean using Docker, managing cloud infrastructure, SSH-based server administration, and fixing production environment misconfigurations.
- Debugged and resolved critical production issues across authentication, course access, and content delivery by aligning frontend-backend API contracts, fixing ID mismatches, environment variables, and database inconsistencies.
- Built and shipped frontend features for an AI tutoring platform using React and Tailwind CSS, including multi-country navigation and responsive course layouts, while optimizing cloud costs by fixing an Amazon EC2 auto-scaling misconfiguration.

Technical Projects

Personal Finance Tracker | *Next.js, Hono API, PostgreSQL, Clerk Auth, TailwindCSS*

- Built full-stack finance tracker with Next.js, Hono API, and PostgreSQL, processing 100+ CSV imports with Clerk authentication and Recharts visualization
- Deployed on Vercel with CI/CD pipeline maintaining 99.9% uptime and 3-second average load time

Team Collaboration Platform | *Next.js, Convex, TypeScript, TailwindCSS*



- Built real-time messaging platform with channels, direct messages, threaded conversations, reactions, file uploads, and workspace management.
- Integrated Convex backend with WebSocket connections for real-time message delivery, supporting 50+ concurrent users with optimistic UI updates.

Open Source Contributions

7+ Merged Pull Requests Across Multi-Domain Projects | *React, Next.js, TypeScript, TailwindCSS*

Active contributor to blockchain gaming, AI-powered platforms, and Web3 applications focusing on frontend components and performance optimization (*Streamfi-frontend, Zicket-web, Safegig, Flavor-AI, Mindblock.app*).

- Built reusable TypeScript component abstractions and modular UI libraries using shadcn/ui and Yarn Workspaces, reducing code duplication by 60% for 25+ developers and improving First Contentful Paint by 1.2s with responsive patterns (skeleton loaders, mobile navigation).

Education

Bachelor of Technology, Computer Science & Engineering

Dr. A.P.J. Abdul Kalam Technical University (AKTU)

2025

Lucknow, India

Certifications

Oracle Cloud Infrastructure Certified Developer Professional (2025)