Akshat Shukla

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Education

KIET Group of Institutions **September 2023 – Present**

Bachelor of Technology in Computer Science & Engineering | GPA: 8.21/10 *Ghaziabad, UP*

Experience

Heizen · Shark Tank India-backed startup **February 2026 – June 2026**

SDE Intern *Remote*

- Built 2 internal CRM platforms for supply chain clients using NestJS and Next.js, one actively used across multiple branches by a 100-person team to manage thousands of jobs end-to-end.
- Developed a customer-facing SaaS fintech application, handling production backend services at 10,000+ API requests/day.
- Engineered 7 MCP tools enabling AI agents to securely fetch and pre-process user financial data, reducing token consumption by 40% and cutting AI error rates through pre-aggregation and pre-calculation.
- Audited and refactored legacy systems inherited at onboarding, resolving 50+ pre-existing production issues through architectural-level fixes rather than surface patches.

Elanine Creatives **August 2024 – January 2026**

Fullstack Developer Intern *Remote*

- Developed and customized **10+ Shopify components**, enhancing store functionality and improving user experience, leading to a **15% increase** in conversion rates.
- Delivered high-fidelity interactive web experiences for clients using React and GSAP, emphasizing motion design and perceived performance over static page delivery.
- Implemented critical modules for a full-stack **MERN**-based event management platform, implementing features for event creation, scheduling, and ticketing, enabling **200+ events** to be managed efficiently.
- Boosted frontend performance and ensured responsive design across different devices and reduced site load times by about 35%.

Projects

FindYourVibe | *Node.js, Angular, Docker, MongoDB* **February 2025**

- Architected scalable backend services for **FindYourVibe**, a modern event management and ticketing platform.
- Designed and deployed multiple microservices to improve performance and support over 5,000 monthly active users.
- Containerized the full microservice stack with Docker, achieving 99.9% uptime and an Angular-based admin dashboard for managing the full event lifecycle.
- Implemented a scalable microservice architecture with built-in fault tolerance, enabling over 1,000 simultaneous requests.

Loklang (Local Music Server) | *Rust, SQLite, SvelteKit* **August 2024**

- Built a self-hosted music streaming server in Rust, enabling local network playback for up to 5 concurrent users with sub-300ms latency and zero buffering.
- Bundled the entire SvelteKit frontend inside a single distributable sized under 10 megabytes, including the backend and database engine.
- Developed a backend in **Rust**, handling efficient file indexing, metadata extraction, and real-time audio streaming while taking about 25% less memory than other media players.

Technical Skills

Languages: TypeScript, JavaScript, Rust, Python, Java, C, SQL, HTML/CSS
Backend: NestJS, Node.js, LangChain, Mastra, Prisma, Docker, Kubernetes
Frontend: React/Next.js, Svelte/SvelteKit, Angular, Three.js, Framer motion
Databases: PostgreSQL, MongoDB, SQLite
Platforms & Tools: Linux, GitHub, Shopify, Jenkins

Leadership / Extracurricular

Innogeeks **October 2023 – Present**

Core Team *KIET Group of Institutions*

- Coordinated and led club activities, such as workshops, speaker sessions, and technical events to enhance student learning as the Web Lead.
- Organized the **NASA Space Apps Challenge, Ghaziabad 2025** at KIET Group of Institutions.
- Mentored 50+ students in web development and guided them in contributing to real-world projects.