

KRITTIKA TIWARI

krittikatiwari122004@gmail.com | 8789382869 | LinkedIn | GitHub | LeetCode

PROFESSIONAL SUMMARY

Full Stack Developer with **2+ years of experience** building **scalable web applications** and backend systems. Strong in **Data Structures & Algorithms, API design, and performance optimization**. Experienced with **React, Next.js, Node.js, and Spring Boot**, with hands-on exposure to **production systems and system design fundamentals**.

TECHNICAL SKILLS

Frontend Frameworks & Libraries: React, Next.js, Tailwind CSS, shaden/ui, Zustand, **TanStack Query**
Languages: JavaScript, TypeScript, **Python**, C++, SQL, HTML, CSS, Java
Backend Frameworks: Node.js, Nest.js, Express.js, **FastAPI**, Spring Boot, Drizzle ORM
Databases: MongoDB, PostgreSQL, MySQL, **Redis**
APIs & AI Tools: REST API, WebSockets, **ChatGPT API, Gemini API, Hugging Face, RAG workflows**
DevOps & Tools: Git, GitHub, **Docker, AWS, CI/CD**, Vercel, Convex, Clerk, Liveblocks

EXPERIENCE

MachanX Dec 2025 – Present
Software Development Engineer Intern Delhi, India

- Designed and developed **scalable backend services** using **Java Spring Boot**, handling **REST APIs** for core modules.
- Engineered an **automated lead-to-seller assignment system**, improving matching efficiency using **category and city-based logic**.
- Integrated **WhatsApp messaging APIs** to automate notifications for buyers and sellers.
- Built a **dynamic templating system** for configurable messages with **runtime variable substitution**.
- Optimized **PostgreSQL queries** for location-based filtering, improving performance.

Zentience Jul 2023 – Jan 2025
Software Developer Remote

- Developed and maintained **full-stack features** using React (Next.js) and Nest.js in a production environment.
- Integrated and consumed **RESTful APIs**, ensuring consistent data flow between frontend and backend systems.
- Optimized frontend performance and state management, improving UI responsiveness and load time by **25%**.
- Improved system reliability by increasing **test coverage by 30%** using unit and integration testing (Jest).

PROJECTS

SmartCV | Next.js, React, TypeScript, Tailwind CSS, PostgreSQL, Clerk, Google Gemini AI May 2025 – Aug 2025
GitHub | **Live Demo**

- Designed and developed an **AI-powered resume builder** used by **10+ users**.
- Built a **dynamic resume editor UI** with real-time validation and live preview updates.
- Integrated **Gemini API** for AI-assisted content generation and **Clerk** for authentication.
- Implemented **responsive design** and secure PDF export to ensure a consistent user experience across devices.

Blink | Next.js, React, Convex, Clerk, Liveblocks Jul 2024 – Dec 2024
GitHub | **Live Demo**

- Spearheaded the development of a **real-time collaborative whiteboard** supporting **multiple concurrent users**.
- Implemented **real-time cursor tracking, collaborative drawing tools, and synchronized UI state**.
- Focused on intuitive UI interactions to improve usability during live collaboration sessions.
- Worked with **Liveblocks and Convex** to handle real-time updates efficiently.

EDUCATION

Lovely Professional University Jalandhar, Punjab, India
Bachelor of Technology in Computer Science (Software Product Engineering) | CGPA: 8.93 Sep 2022 – Jun 2026