Vikash Jain

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SUMMARY

Full Stack Developer skilled in MERN stack and microservices architecture, with experience building scalable multi-tenant applications using Node.js, Express.js, React.js, and MongoDB. Proven ability to optimize API performance (40% faster), reduce real-time latency (35%), and design high-performance modular systems. Familiar with AWS for deployment and cloud-based application hosting. Strong in REST APIs, Web Sockets, and performance tuning.

EDUCATION

Teerthanker Mahaveer University	Moradabad, Uttar Pradesh
Bachelor of Computer Application	*2021-2024*

TECHNICAL SKILLS

Languages: Java · C++ · HTML · CSS · SQL · JavaScript · TypeScript.

Backend: Spring Boot, Spring MVC, Spring Security, Spring JPA, Node JS, Express JS ,WebSocket APIs.
Frameworks/Libraries: ReactJS · Vue JS · Next JS · Redis · Tailwind CSS · Bull MQ.
Databases: MongoDB · MySQL · PostgreSQL · Google Cloud Storage.
Cloud: AWS (EC2, S3, basic deployment & hosting)

Tools/Platforms: Git · GitHub · Postman · VS Code · IntelliJ IDEA · Vercel.
Other Skills: Responsive Design · Authentication & Authorization · Payment Integration · Data Protection · PoC Development · Code Reviews · Agile/Scrum.

PROFESSIONAL EXPERIENCE

Full Stack Developer (Team Lead)   May 2024 – Nov 2025
Life layer Health Solutions Pvt. Ltd.   *Gurgaon ,India*

- Engineered scalable **Spring Boot** and **Node REST APIs**, improving API response efficiency by **40%** through optimized logic and reduced overhead.
- Built **real-time WebSocket APIs**, reducing client–server communication latency by **35%** for live updates.
- Designed and implemented advanced MongoDB aggregation pipelines for complex data analysis, improving report generation speed by **30%** while maintaining clean, maintainable code.
- Designed and maintained **microservices using Node.js/Express.js** for scalable backend architecture.

Web Developer - Intern   Jul 2023 – Aug 2023
Yhills.   *Noida, India*

- Created and enhanced **HTML, CSS** and **JavaScript** web pages with **responsive design** principles.

PROJECTS

Code Craft   **GitHub Link | Web Link**

- Engineered an **cloud-based code editor** with **real-time, multi-language execution** using **Piston API**.
- **Tech Stack:** Next.js · Convex (real-time DB) · Piston API · Clerk · Framer Motion · Zustand.

AI Smart Recipe Explorer   **GitHub Link | Web Link**

- **Developed a full-stack AI-powered recipe exploration platform** enabling users to generate, customize, and simplify recipes using Generative AI, with real-time integration of web data via AI tool calling.
- **Tech Stack:** Node.js · Express.js · MongoDB · React.js · Tailwind CSS · Groq Cloud (LLMs) · Tavily (Web Search) · Prompt Engineering · Tool Calling

AI Course Generator   **GitHub Link | Web Link**

- Architected an **AI-driven course creation platform** with **dynamic content personalization** using **AI APIs**.
- **Tech Stack:** Next.js · Gemini AI API · Tailwind CSS · REST API

Event Planner 360   **GitHub Link | Web Link**

- Developed a full-featured, responsive event management platform supporting scheduling, real time notifications, and collaboration.
- **Tech Stack:** MongoDB · Express.js · React.js · Node.js · TailwindCSS · WebSocket.