

chhabratarangit2217

Software Engineer

github.com/Tarangit1 | candidates.intervues.club/u/chhabratarangit2217

SUMMARY

Software Engineer with a focus on backend development and building scalable server-side applications using Node.js and modern web frameworks. Experienced in designing clean architectures, database management, and implementing efficient software workflows. Skilled in utilizing AI-assisted tools to accelerate feature iteration and optimize system performance.

EXPERIENCE

Inventory Management & POS System

Freelance Software Developer

Jun 2026 – Jul 2026

- Architected an inventory management and point-of-sale system by converting business requirements into technical workflows.
- Engineered end-to-end modules for real-time inventory tracking, product administration, and point-of-sale transactions.
- Leveraged AI-assisted development tools to accelerate feature delivery and resolve complex technical bottlenecks.

Software Engineer | Backend Development

Self-Employed / Looking for Opportunities

- Specialized in Node.js to architect scalable APIs and high-performance server-side applications.
- Designed clean backend architectures and managed database integrations to solve performance challenges.
- Constructed backend-focused projects while applying system design principles and data structures to optimize application execution.

EDUCATION

Chitkara University · Bachelor of Engineering · 2023 – 2027

SKILLS

Languages and Frameworks: Bash, Batchfile, C, C++, CSS, CSS3, HTML, HTML5, Java, JavaScript, Python, SQL, Web Languages, Express.js, FastAPI, Node.js, Passport.js, React, Socket.IO, Spring Boot, Spring Data, SQLAlchemy

Databases: MongoDB, MySQL, PostgreSQL, SQLite

Tools: CI/CD, Cloud Platforms, Distributed Systems, Docker, Git, GitHub, Google Gemini API, Kubernetes, Linux, Microservices, Mongoose, Postman, Render, REST API Development, REST APIs, System Design, Vercel, Vite, WebRTC

PROJECTS

ResumeGenerator — AI Resume Optimizer & ATS Scorer

Developed a FastAPI application that processes resume data and job descriptions to generate tailored resume content using structured responses from the Google Gemini API. Built a backend application using FastAPI, SQLAlchemy, and Python to parse resume data against job specs. Integrated Google Gemini API to produce structured response data for tailored ATS scoring. Containerized the deployment workflow utilizing Docker and supported SQLite and PostgreSQL databases.

Python, FastAPI, SQLAlchemy, SQLite, PostgreSQL, Gemini API, Docker

ChatWE — Real-time Communication Platform

Developed a full-stack real-time communication platform using React, Node.js, Express.js, MongoDB, and Socket.IO with private messaging and chatrooms. Engineered a full-stack real-time chat platform leveraging React, Node.js, Express.js, and MongoDB. Implemented Socket.IO event handlers and WebRTC protocols to enable private messaging and interactive chatrooms.

Node.js, Express.js, MongoDB, React, Socket.IO, WebRTC

AWARDS

LeetCode: 250+ problems solved