

Varshini M

Java Developer — Software Developer

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GitHub github.com/varshini2304 Portfolio Portfolio

PROFESSIONAL SUMMARY

Software Development Engineer with 1+ years of experience building scalable backend applications using **Java** and **Spring Boot**. Strong expertise in **RESTful API** architecture, **Microservices**, and database performance tuning using **MySQL** and **PostgreSQL**. Proven ability to deliver secure, high-performance systems using **clean architecture** and **Design Patterns**. Experienced in **Agile** methodologies, **CI/CD** pipelines, and production-grade deployments. Actively leverages **AI tools** (Claude AI, GitHub Copilot) to accelerate development and code quality.

SKILLS

Programming Languages: Java, JavaScript, SQL, Python

Backend Technologies: Spring Boot, Microservices Architecture, RESTful APIs

Frameworks & Libraries: Spring Framework, Hibernate (Basics), Express.js

Database Technologies: PostgreSQL, MySQL, MongoDB, Redis

Core Backend Concepts: OOP, Multithreading, Concurrency, API Design, System Design, JWT Auth, RBAC, Caching, Async Processing

DevOps & Tools: Docker, Git, CI/CD, Linux, Postman, Maven, JUnit

Cloud & Containerization: Docker, Kubernetes (Basics)

AI & Productivity Tools: Claude AI, ChatGPT, GitHub Copilot, Prompt Engineering, AI-assisted development, LLM API integration

Frontend (Basic): React.js, HTML, CSS

PROFESSIONAL EXPERIENCE

Software Development Engineer

NICHI Software Solutions, Bengaluru

Aug 2025 – Present

- Engineered and deployed scalable backend services using **Java** and **Spring Boot** following **SDLC** practices, improving system reliability by **30%**
- Designed and integrated **RESTful APIs** with relational databases, improving systems integration efficiency by **40%**
- Tuned **SQL** queries and backend performance using **PostgreSQL** indexing strategies, reducing response time by **35%**
- Implemented **JWT authentication** and **RBAC** authorization, strengthening application security and access control
- Leveraged **GitHub Copilot** and **Claude AI** for code reviews and **API** design, accelerating feature delivery by **25%**
- Performed troubleshooting and debugging to resolve backend issues, improving system stability in production

Software Developer Intern

Bluestock, Bengaluru

Apr 2025 – May 2025

- Built full-stack features using **React.js**, **Node.js**, and **MongoDB**, delivering **3 modules** ahead of sprint schedule
- Integrated **REST APIs** improving operational data flow efficiency by **40%**
- Optimized frontend performance reducing load time by **35%** using lazy loading and component optimization
- Collaborated in **Agile** sprint cycles, improving team delivery consistency across **4 sprints**

PROJECTS

Finance Dashboard Backend System

Java · Spring Boot · PostgreSQL · Redis · Docker

- Designed scalable **REST APIs** for financial data processing with optimized **PostgreSQL** queries and indexing, reducing DB load by **40%**
- Built modular backend architecture with **JWT authentication**, **RBAC**, and **Docker**-based deployment
- Implemented caching with **Redis**, reducing high-frequency request latency by **50%**
- Integrated **LLM API** (Claude AI) for intelligent financial data insights and automation workflows

E-Commerce Web Application

Spring Boot · MySQL · React.js · REST API

- Developed full-stack application with modular **Microservices** API design using **Spring Boot** and **MySQL**
- Implemented **JWT** authentication, search, pagination, and filtering; optimized frontend load time by **25%**
- Used **GitHub Copilot** and **ChatGPT** for rapid prototyping, cutting development time by **30%**

EDUCATION

B.E. Computer Science Engineering

Cambridge Institute of Technology North Campus, Bengaluru

2022 – Present

CGPA: 8.34/ 10

ACHIEVEMENTS

- IEEE Inter-College Debate Competition** — 1st Place — **Smart India Hackathon** — Finalist
- Salesforce Trailhead:** Expeditioner Rank · **77 Badges** · **43,400+ Points** · **Apex Callout Superbadge**
- Consistently upskilling via **AI tools** (Claude AI, GitHub Copilot) and **Trailhead** for **Salesforce** and backend development