

Deeparishi A

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Profile Summary

- **Java Backend Developer** with 1.7 years of experience building scalable **Microservices**, **REST APIs**, and **Event-Driven Systems**. Proficient in **System Design**, **Data Modeling**, and **Cloud Technologies** to create high-quality, business-driven software solutions. Exploring **AI Agents**, **AI Tools**, and **MCP for Automation**.
- Delivered high-impact features by collaborating with **Product**, **Design**, and **Mobile Teams**, focusing on **SDLC**, **Performance**, **Security**, and **Code Quality**, while ensuring rapid iteration in **Agile/Scrum** environments.

Technical Skills

Languages & Core: Java 17, Data Structures & Algorithm

Backend: Spring Boot, Spring MVC, Microservices, SOA, RESTful APIs, Hibernate, JPA

Databases & Messaging: MySQL, MongoDB, Redis, RabbitMQ, Kafka

Frontend & Dev Tools: React (TypeScript & API Integration), GitHub/GitLab, Maven, Gradle, Docker

Cloud & Testing: AWS (EC2, RDS, S3), Azure AD, Junit 5, Mockito, SonarQube, JMeter

Experience

Jr Software Engineer, HEPL – CavinKare Groups

May 2024 – Present

Project: Trove

- Collaborated with a cross-functional team to build **RESTful APIs** and **microservices**, optimizing JSON structures and **SQL queries**, improving **performance** by up to 65%.
- Developed a **Centralized Authentication Gateway** using **Spring Security**, **SSO**, **OTP**, **OAuth2**, and **JWT** to ensure secure access across services.
- Created an **FFmpeg–Kafka**-based service to compress files into **multiple resolutions**, reducing **latency** by 50% and storing them on **AWS S3**.
- Implemented real-time messaging with **WebSockets**, **Redis** (reducing DB hits by 40%), and **Kafka** for concurrent handling, and integrated push notifications with **Firebase SDK**.

Project: FinTech

- Contributed to a **FinTech platform** connecting applicants and lenders, cutting manual effort by 80%.
- Optimized data retrieval performance by 75% using **Spring Cache** and **Redis**, reducing average API latency.
- Integrated **25+ lender partners** through **fault-tolerant APIs**, improving reliability and reducing loan processing time by 30%.
- Performed **SonarQube testing**, improving **code quality** by up to 32% and ensured system reliability through **load testing** and **rate limiting**.
- Implemented the **CIBIL API integration** and applied **AES-256 encryption** for sensitive data, ensuring compliance and data privacy.

Education

Vel Tech Multi Tech DR RR DR SR Engineering College

Aug 2019 – May 2023

BE - Mechanical Engineering

- CGPA: 8.17/10

Certifications

DSA with Java – Udemy ([View Certificate](#))

Jun 2025

SDE Assessment – HackerRank ([View Certificate](#))

Oct 2024

Java with SQL – Besant Technologies ([View Certificate](#))

Dec 2023