Deeparishi A

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Profile Summary

- **Java Backend Developer** with 2 years of experience engineering **Microservices**, **REST APIs**, and **event-driven systems** using **Java**, **Spring Boot**, **JPA/Hibernate**, and **RabbitMQ**, with expertise in **MySQL**, **MongoDB**, and **Redis** for performance optimization. Skilled in implementing automated testing using **JUnit** and ensuring code quality with **SonarQube**.
- Delivered high-impact features in real-time platforms by partnering with **Product**, **Design**, and **Mobile teams**, ensuring scalable architecture, clean code, and fast iteration cycles in **Agile/Scrum** environments.

Technical Skills

Languages: Java, Python (Basics)

Frameworks & Backend: Spring Boot, Hibernate, Microservices, RabbitMQ, WebSockets, DSA

Databases: MySQL, MongoDB, Redis, GCP-BigQuery (Basics)

Frontend & Tools: React+TypeScript (API Integration), Git/GitLab/GitHub, Maven, WinSCP, PuTTY

Cloud, DevOps & Testing: Azure Blob, Azure Active Directory, Firebase, SonarQube, JMeter, Junit

Experience

Jr Software Engineer, *HEPL – CavinKare Groups*   *May 2024 – Present*

- Delivered backend features for **Trove** (Spring-Microservice) and **Finserve** (Monolithic) architectures.
- Implemented a **Centralized Auth Gateway** with **SSO**, **OTP**, **OAUTH2** and **JWT**, managing sessions in a **centralized** and scalable way.
- Compressed media by **50%** via an **FFmpeg-RabbitMQ** microservice, storing chunks in **Azure Blob Storage**.
- Improved efficiency by **65%** via **WebSockets** and **event-driven architecture** for real-time communication.
- Enhanced data performance by **75%** with **Spring Cache** and **Redis**, serving over **5k+ concurrent users**.
- Integrated **real-time financial APIs** to automate eligibility checks and accelerate **loan processing** by **30%**.
- Automated sales tracking, reducing manual effort by **90%** with real-time **analytics and reporting**.

Jr Software Engineer, *FAW Technologies– Chennai, IN*   *Sept 2023 – Apr 2024*

- Built **RESTful APIs** to enable dynamic, user-driven data flow across distributed microservices.
- Achieved **85% performance boost** by implementing **Spring Boot caching** for compute-heavy calculations.
- Designed reusable **custom annotations** and standardized **DTOs**, cutting boilerplate and improving code reuse by **50%** across services.
- Deployed **5 microservices** and **3 frontend Services** using **WinSCP**, **PuTTY**, and **Linux**, managing infrastructure on **AWS EC2/S3/RDS/IAM**.
- Integrated scheduled **CRON APIs** with **BigQuery** for **Qlik dashboards**, fixing Angular UI bugs and validating data across **7 warehouses**, raising accuracy by **25%**.

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   *Jun 2025*

View Certificate (Credential ID: UC-9f923f50-15f4-4792-ac82-8b94af3adcfa)

SDE Assessment – HackerRank   *Oct 2024*

View Certificate (Credential ID: 03fa8c69773d)

Core Java – Internshala   *Feb 2022*

View Certificate (Credential ID: 4F7674E2-39C8-9D0F-36A6-936F8A8673EF)