

# Deeparishi A

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## Profile Summary

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- **Java Backend Developer** with 1.6 years of experience building **Microservices**, **REST APIs**, and **event-driven systems** using **Java**, **Spring Boot**, **JPA/Hibernate**, and **Kafka**, with expertise in **MySQL**, **MongoDB**, and **Redis** for performance optimization. Skilled in implementing automated testing using **JUnit** and maintaining code quality with **SonarQube**.
- 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

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**Languages:** Java, DSA

**Frameworks & Backend:** Spring Boot, Microservices, SOA, Hibernate/JPA, RabbitMQ, Kafka, Firebase

**Databases:** MySQL, MongoDB, Redis

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

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

## Experience

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**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 **Firestore 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

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Vel Tech Multi Tech DR RR DR SR Engineering College

*Aug 2019 – May 2023*

BE - Mechanical Engineering

- CGPA: 8.17/10

## Certifications

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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)

Java with SQL – Besant Technologies

*Dec 2023*

[View Certificate](#) (Credential ID: BDZ85532)