

# Deeparishi A

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## Profile Summary

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- **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

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**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

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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 **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

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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** ([View Certificate](#))

*Jun 2025*

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

*Oct 2024*

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

*Dec 2023*