

Deeparishi A

Software Engineer

Cuddalore, India | deeparishia@gmail.com | +91 9585155720 | Portfolio

LinkedIn | GitHub | LeetCode | Replit

Profile Summary

- **Java Backend Developer** with 2+ years of experience building **scalable web applications**, **Event Driven Architecture** and **Microservices** using **Java**, **Spring Boot**, **SQL & NoSQL databases**, and **Message Brokers**, with hands-on expertise in the full **SDLC** and **Agile Model**.
- Work closely with **Product**, **Design**, **DevOps**, and **Mobile teams** to ship reliable features with a focus on collaboration and code quality.
- Actively learning **AI Agents**, **Model Context Protocols (MCP)**, and **Gen AI**, building experimental projects in **Python** to explore backend automation.

Experience

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

- Worked on two major projects **Trove** and **Finserve** delivering full-stack features across web and backend.
- Implemented a **Centralized Authentication Gateway** with **SSO**, **OTP**, and basic login methods, managing sessions in a **centralized** and scalable way.
- Reduced media size by **50%** using **FFmpeg microservice** with **RabbitMQ** for cross-platform support.
- 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 daily concurrent active users**.
- Integrated **real-time financial APIs** to speed up **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**

- Developed **RESTful APIs** for dynamic data flow across microservices based on user input.
- Boosted performance by **85%** using **Spring Boot caching** for optimized data calculations.
- Created **custom annotations** and **Common DTOs** in a shared dependency module, reducing boilerplate and improving code reuse by **50%** across multiple microservices.
- Orchestrated Deployment of **5 microservices** and **3 frontend apps** across environments on **WinSCP & Putty** with **Linux** and **AWS**.
- Integrated **CRON Jobs API** with **BigQuery** for **Qlik dashboards**, resolving **Angular UI bugs** and validating data from **7 warehouses**, improving accuracy by **25%**.

Technical Skills

Languages: Java, Python (Basics)

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

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

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

Cloud, DevOps & Testing: Azure Blob, Azure Active Directory, AWS EC2/RDS, FCM, JMeter

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

June 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)