

Alagappan P

✉ azhagu.swe@gmail.com | ☎ +91 7502005724 | [in](#) linkedin/azhagu-swe | [github](#) azhagu-swe.github.io/portfolio

SKILLS

LANGUAGES

Java (Core, 8+) | SQL | JavaScript |
HTML | CSS

FRAMEWORKS/TECHNOLOGIES

Spring Boot | Spring MVC | Spring Data
JPA | Hibernate | RESTful APIs |
Microservices | RabbitMQ | Redis |
AWS (EC2)

DATABASES

PostgreSQL | MySQL

TOOLS

Git | SonarQube | IntelliJ IDEA | VS
Code | Maven | Gemini CLI | Qwen CLI

PLATFORMS

Windows | Ubuntu

LINKS

GitHub: github.com/azhagu-swe

EDUCATION

H.H.THE RAJAH'S COLLEGE

M.Sc IN COMPUTER SCIENCE

2018 -- 2020 | Pudukkottai, Tamil Nadu
Percentage : 74 %

H.H.THE RAJAH'S COLLEGE

B.Sc IN COMPUTER SCIENCE

2015 -- 2018 | Pudukkottai, Tamil Nadu
Percentage : 71 %

ACHIEVEMENTS

Debugging Competition:

Secured **Second Prize** in Debugging Competition, held at National College, Trichy.

CERTIFICATIONS

- Full Stack Java Development Course *SkillUP by Simplilearn*, 2022
- Java Certification Course *SkillUP by Simplilearn*, 2022
- ChatGPT Advanced Course *SkillUP by Simplilearn*, 2025
- Introduction to Prompt Engineering *SkillUP by Simplilearn*, 2025

SUMMARY

Full-stack Java developer with **3+ years of experience** building reliable and efficient systems using **Spring Boot**. Skilled in creating clean APIs and improving database performance. Quick learner and problem solver, ready to contribute to impactful projects.

EXPERIENCE

MEMOB PLUS PVT LTD | JUNIOR SOFTWARE DEVELOPER

Aug 2022 -- Present | Chennai, Tamil Nadu

- Designed and developed scalable **microservices** using **Java** and **Spring Boot**, exposing **RESTful APIs** focused on low latency and high throughput.
- Architected and implemented a **unified audience management service** to integrate with **Meta**, **Snapchat**, and **TikTok** marketing platforms.
- Contributed to the modernization of a legacy system by re-architecting and optimizing critical **APIs**, enhancing UI, and improving overall system speed and user experience.
- Significantly reduced API latency by implementing a targeted **Redis** caching strategy for background tasks.
- Enhanced database performance through strategic indexing and advanced **PostgreSQL** query optimization.
- Ensured high code quality and maintainability by integrating and utilizing **SonarQube** for static code analysis and bug detection.
- Developed a special **proximity hash in Java**, improving accuracy in location-based targeting.
- Optimized database queries to improve data retrieval speed and application performance.
- Built front-end parts with **Next.js** to make interactive and user-friendly interfaces.
- Tech Used: Java, Spring Boot, Microservices, RabbitMQ, Redis, React.js, Next.js, MUI, Mapbox, Meta Ads API, Snapchat Marketing API, TikTok Marketing API, OAuth 2.0, AWS EC2, Docker.
- Database: PostgreSQL.

PROJECTS

FARMCONNECT: FULL-STACK E-COMMERCE PLATFORM A

COMPREHENSIVE, ROLE-BASED E-COMMERCE APPLICATION CONNECTING LOCAL FARMERS WITH CONSUMERS.

July 2025 | Live: farm-ui-pi.vercel.app

Git: github.com/azhagu-swe/farm-connect

- Architected a full-stack e-commerce app with distinct, role-based dashboards for Buyers, Farmers, and Admins.
- Implemented robust Role-Based Access Control (RBAC) using **Spring Security** to secure application routes.
- Built a complete e-commerce frontend featuring product filtering, a shopping cart, and a multi-step checkout process.
- Tech Used: Java, Spring Boot, Spring Security, PostgreSQL, React, TypeScript, CSS, Docker.

DEVELOPER PORTFOLIO - PERSONAL WEBSITE

Live: azhagu-swe.github.io/portfolio

Git: github.com/azhagu-swe/portfolio