




Ayyappan Ravichandran

Java Full Stack Developer | Spring Boot | Microservice Developer

✉ ayyappan.ravichandran.info@gmail.com 📞 +91 7904804541 📍 Chennai, Tamilnadu 🌐 [linkedin.com/in/ayyappanravichandran](https://www.linkedin.com/in/ayyappanravichandran)

Experienced Java Full Stack Developer with 4.5 years of expertise in building, maintaining, and scaling robust web applications using Java, Spring, and Hibernate frameworks. Skilled in optimizing performance, enhancing code quality, and reducing bugs, leading to higher user engagement, system reliability, and revenue growth. Proficient in end-to-end software development, from the requirement analysis system study to designing, coding, testing, debugging, documentation & deployment, with strong problem-solving skills, pragmatic thinking, effective communication, and a passion for learning, implementing and adapting to the new technologies.



WORK EXPERIENCE

-  **Packaged App Development Senior Analyst – Accenture, Chennai.** Aug-2024 To Present
- Architected and led the development of a cloud-native, microservices-based banking payment platform using Java 17, Spring Boot 3.0, and AngularJS, resulting in a 40% increase in transaction processing speed and 99.99% uptime.
 - Implemented distributed tracing with additional logging features using micrometer, MDC, Sleuth, Zipkins which improved the debugging efficiency and automated a set of unit tests daily which reduced the time needed for team members to identify and fix bugs/issues.
 - Implemented load balancing techniques and fallback mechanisms for smooth process of incoming payload, which led to a 30% improvement in server uptime during peak consuming hours.
 - Reduced server downtimes by 75% by proactive monitoring, automated alerts using Azure services.
 - Refactored existing codebase of the module, leading to the performance boost by 20%.
 - Led a team of 4 to implement microservices architecture by introducing pair programming and code reviews, boosting efficiency by 30%, productivity by 25%, reducing bugs by 75%, and enhancing client credibility through daily visual updates.
-  **System Engineer – Tata Consultancy Services, Chennai.** Jan-2023 To Aug-2024
- Developed interactive web applications employing AngularJS and Spring Boot and Microservices for banking payment and customer details management platform, contributing to a 20% increase in client engagement.
 - Employed Azure for hosting which improved the scalability and accessibility of applications, which resulted in a 30% increase in users.
 - Implemented JSON Web Tokens (JWT) to authenticate and authorize the users, boosting the security by 40%.
 - Increased application speed by 30% by upgrading the database from SQL to NoSQL using MongoDB.
-  **Software Engineer - Cognizant Technology Solution, Chennai.** Oct-2020 To Jan-2023
- Developed and optimized RESTful APIs using Java and Spring Boot for E-commerce, payment systems, warehouse management, improving response times by 50% and supporting a 200% increase in concurrent users without performance degradation.
 - Implemented automated unit and integration testing strategies, achieving 90% code coverage and reducing post-release defects by 70%.
 - Contributed to the development of a secure, OAuth 2.0-compliant authentication system, enhancing data protection and reducing unauthorized access attempts by 95%.

SKILLS & TECHNOLOGY

- **Programming Languages:** Java, JavaScript, SQL, HTML5.
- **Frameworks:** Java EE, Spring Boot, Mule 4.0, Hibernate, Junit, Mockito, JMeter, Angular, Node.js.
- **Databases & Cloud:** MySQL, PostgreSQL, Oracle Database, GCP, Azure.
- **Development Tools:** Apache Maven, Git, SonarQube, Veracode, Post man, Swagger, Eclipse, IntelliJ IDEA, WebStorm.
- **Web Servers:** Apache Tomcat, Jetty.
- **CI/CD Tools:** GitHub, Bitbucket, Jenkins, PuTTY, FileZilla, WinSCP, Docker, Kubernetes.
- **Enterprise Tools:** Splunk, Datadog, Jira, Office suite.

CERTIFICATION

- Associate Google Cloud Engineer Certified by Google Cloud.
- Java Basic Certified by Hacker Rank. 
- GitHub Foundations Certified by GitHub.
- Spring Framework and Spring Boot Certified by Udemy. 

EDUCATION

Hindusthan College Of Engineering and Technology, Coimbatore.
Bachelor of Mechanical Engineering | CGPA: 8.86 **April 2020**

AWARDS & RECOGNITION

PERSONAL PROJECTS