RAVI P. CHAVAN

 Open to Relocation | Immediate Joiner |  +91 7448290857 |  [ravichavan27071997@gmail.com](mailto:ravichavan27071997@gmail.com) | [LinkedIn](http://www.linkedin.com/in/ravi-chavan-aab4a51b5) | [Github](https://github.com/ravichavan4334)

**FULL STACK DEVELOPER**

*Results-driven IT professional with over 3+ years of experience specializing in Java-based microservice application development. Proven track record of building, deploying and managing scalable, secure, and high-performance applications using Java Spring Boot, Angular and DevOps methodologies.*

# PROFILE SUMMARY

* Developed and maintained microservices-based applications using **Spring Boot**, **RESTful APIs**, and **Angular.**
* Proficient in Core Java with expertise in features like **OOP** concepts, **data structures** and **multithreading.**
* Proficient in building, deploying and monitoring micro services using tools like **Jenkins**, **ADO**, **Ansible**, **Dynatrace**

and **Splunk.**

* Skilled in creating and managing relational databases like **MySQL & Oracle.**
* Proven ability to diagnose and resolve software defects, optimize code, and enhance application performance, resulting in significant improvements in efficiency and scalability.
* Experienced in working in Agile environments, with tools like **JIRA and Confluence** for project management and documentation.
* Strong communicator and effective team collaborator with demonstrated leadership skills, consistently delivering successful projects through team coordination and problem-solving.

# TECHNICAL SKILLS

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| **Programming Languages:** | Java, JavaScript, SQL |
| **J2EE Technologies:** | Spring Boot, Hibernate, RESTful Web Services |
| **AWS services:** | EC2, S3, RDS, Lambda, CloudFormation, CDK, API Gateway, CloudWatch, DynamoDB, IAM |
| **Frontend Technologies:** | Angular, HTML5, CSS3 |
| **Web & Application Server:** | Apache Tomcat |
| **Databases:** | MSSQL, MySQL, Oracle |
| **DevOps Tools:** | GitHub, Jenkins, Azure DevOps, Git, Ansible, Splunk, Dynatrace, JFrog Artifactory |
| **Cloud & Containerization:** | AWS, Azure, Kubernetes, Docker, OpenShift |
| **IDE & other Tools:** | Eclipse, Maven, Spring Tool Suite, Postman 5., Confluence, JIRA, |
| **Operating Systems:** | Windows 7/10, Linux/Unix |

**WORK E XPERIENCE**

**Freelance Java Developer**  Jan 2025 – Jully 2025

***Project: Credit Score Analysis Tool Swedbank (Sweden)***

* Developed **Spring Boot** microservices, implementing scalable and maintainable backend solutions.
* Built **RESTful APIs** following industry best practices using Spring Boot, ensuring performance, security, and reliability.
* Integrated Spring JPA to manage database connectivity, creating **DAO layers, SQL queries**, and Spring Controllers for efficient data handling and seamless request processing.
* Upgraded Spring Boot applications from **JDK 8** to **JDK 11**, refactored code where necessary, and ensured full compatibility to leverage modern Java features and performance improvements.
* Tuned **JVM** parameters, including heap size and garbage collection settings, to optimize performance and reduce latency in high-load Java microservices.
* Wrote unit and integration tests using **JUnit** and **Mockito**, increasing test coverage and integrating **SonarQube** quality gates into **Azure DevOp**s pipelines to maintain code quality standards.
* Led code optimization efforts that resulted in a 20% improvement in overall application performance.
* Implemented comprehensive unit tests using **JUnit and Mockito**, achieving over 95% code coverage.
* Addressed security vulnerabilities detected through **SAST** and **SCA** scans from **GitHub Advanced Security** by remediating code and dependency issues.
* Maintained secure deployment practices by updating base container images for all Spring Boot microservices during each release cycle to mitigate known **container vulnerabilities**.
* Collaborated with the DevOps team to develop and implement CI/CD pipelines for each microservice using **Azure** DevOps Pipelines, **OpenShift**, and **Ansible**, streamlining automated builds, deployments and infrastructure provisioning.
* Coordinated with the Enterprise DevSecOps team to transition **JFrog Artifactory** from an on-premises setup to SaaS, updating Maven configurations and dependency paths across all services.
* Collaborated with the environment team to troubleshoot and resolve application and infrastructure issues in non- production environments, ensuring high availability and stability for testing activities.
* Utilized **Dynatrace** and **OpenSearch** to monitor and troubleshoot application issues in non-production environments, enabling faster root cause analysis and resolution.
* Coordinated release management activities in collaboration with the production support team to ensure smooth and timely deployments.

**Software Developer @Capgemini**  May 2022 – Oct 2024

**Project: Claim Handling System, Statewide Insurance Group USA**

**Description:** It is centralized platform designed to efficiently manage and process insurance claims, incorporating real-time   
 update and automation to streamline the claims handling process.

* Worked as a **backend developer** using **Java** and **Spring Boot** as core technologies.
* Developed **real-time claim status update** functionality, improving transparency and client satisfaction.
* Designed and implemented **RESTful APIs** to support core business processes and ensure smooth integration with front-end systems.
* Integrated **OAuth 2.0** for secure authentication, strengthening overall system security.
* Utilized **Redis Cache** for efficient data caching, significantly improving application performance and reducing database load.
* Participated in the design and development of a **monolithic architecture**, handling deployment and ongoing maintenance.
* Collaborated closely with cross-functional teams to ensure timely delivery and seamless deployment of new features.

# CERTIFICATIONS & TRANINGS

* AWS Certified Practitioner
* AWS Certified Developer
* Google cloud Platform
* Microsoft Azure – 900
* Microsoft Azure - 204
* Spring Boot and Microservice – Substring Technologies

# ACADEMICS & CREDE NTIALS

Full Stack Java Development 2021

Qspiders Pune, Maharashtra

Bachelor of Technology: Electrical Engineering 2020

BAMU University, India