

JAIME GARCIA

SUMMARY

Software engineer passionate about full-stack development. 4+ years of experience maintaining and enhancing enterprise Java, Spring Boot, Angular, and SQL applications. Strong background in optimizing microservices, executing database migrations, developing APIs, and working in containerized environments. Experienced with Docker, Kubernetes, CI/CD pipelines, and quickly adapting to new technologies and codebases.

TECHNICAL SKILLS

Languages & Frameworks: Java, JavaScript, TypeScript, SQL, PowerShell, Spring Boot, Node.js, Angular, HTML/CSS, Apache Kafka, JUnit, Mockito

Tools & Platforms: Azure DevOps, Git, GitHub, Docker, Kubernetes, Swagger, SonarQube, Pivotal Cloud Foundry

Concepts: Agile/Scrum, TDD, API Testing, CI/CD Pipelines, 12-Factor Principles, Event-Driven Architecture, Distributed Systems, Automation Scripting, Data Structures & Algorithms

PROFESSIONAL EXPERIENCE

Software Engineer | General Motors | *July 2021 – December 2025*

- Led PostgreSQL migration as SME for multiple enterprise applications, reducing annual licensing costs and achieving zero P1/P2/P3 incidents post-launch
- Configured Dockerfiles and Kubernetes manifests for 10+ microservices during PCF-to-Kubernetes platform migration, ensuring reliable deployment through comprehensive regression testing
- Architected full-stack data import feature (Spring Boot + Angular) that eliminated manual data entry errors for fulfillment team through validated spreadsheet uploads
- Eliminated critical performance bottlenecks through SQL optimization, achieving up to 90% speed improvement on key endpoints (e.g., 60s to 5s latency)
- Refactored 20+ complex cross-database queries into dedicated Java APIs during Oracle-to-PostgreSQL migration, decoupling services from external database dependencies
- Enforced 80% minimum code coverage on all new features and configured SonarQube quality gates on all PRs, reducing technical debt and improving code quality
- Developed RESTful API endpoints with 90%+ test coverage using JUnit/Mockito, enforcing established Spring Boot patterns through code reviews
- Led Spring Boot and Angular upgrades across 7+ microservices, maintaining security compliance and passing all enterprise security scans
- Maintained production services through on-call rotations, consistently resolving P4 incidents within 50% of defined SLA timeframes
- Enhanced internal Angular component library, enabling flexible feature implementation and reducing hard-coded dependencies
- Automated 75% of manufacturing server provisioning requests by integrating ServiceNow with Ansible and CMDB, reducing fulfillment SLA from 10-40 days to under 1 day
- Eliminated 10-20 hours of weekly manual effort by engineering REST integrations with Confluence for automated space creation and license provisioning
- Migrated UNIX access provisioning from legacy AD/HPOO systems to ServiceNow with PowerShell integration, establishing secure and maintainable standards

EDUCATION

Bachelor of Science in Computer Science | Kennesaw State University | August 2019 – May 2021

Associate of Science in Computer Science | Georgia State University | January 2015 – December 2018

PROJECTS & CERTIFICATIONS

Dockerized Full-Stack Application

- Developed a CI/CD pipeline using GitHub Actions to automate build, test, and Docker deployment of a 3-tier application (Spring Boot, Angular, PostgreSQL)

Certifications: Microsoft Azure Fundamentals (AZ-900)