

STEPHAN WONG

602-751-1527 | stephan.wong@gmail.com

OBJECTIVE

Full-Stack Programmer with 10+ years of experience in developing, maintaining, and optimizing enterprise software systems based on business requirements. Expertise in programming languages including Java (Spring Boot), C#/.NET Core, JavaScript/TypeScript, and Node.js; database development with PostgreSQL, MySQL, and MongoDB; query design and optimization; and structured/object-oriented programming. Skilled in Agile/Scrum methodologies, including serving as Scrum Master for cross-functional teams, facilitating sprint planning, and driving process improvements. Proven track record in system maintenance, code refactoring, CI/CD automation, and project management to enhance efficiency, reduce defects, and support scalable operations in dynamic environments.

Experience Highlights

API Platform & Integration Experience	5 years
Java / Spring Boot Development	2 years
CI/CD & Deployment Automation	2 years
Production Support & Troubleshooting	10+ years
RESTful APIs / Microservices:	3 years
Scrum Master / Agile Facilitation	5 years

Technical Skills

Programming Languages	Java (Spring Boot), C# (.NET Core), JavaScript (ES6+), TypeScript, Python, Node.js
Databases & Query Design	PostgreSQL, MySQL, MongoDB, SQL/NoSQL optimization, query design, ad-hoc reporting
Development & Tools	RESTful APIs, Microservices architecture, Object-oriented analysis, Structured programming, Data mapping, Selenium
CI/CD	GitHub Actions, Jenkins, Docker, Kubernetes, Git
IDEs	Eclipse, IntelliJ IDEA, VS Code
Frontend	Angular, React, HTML5, CSS3
Agile/Scrum & Project Management	Scrum Master facilitation, Sprint planning, Retrospectives, Backlog refinement, Project estimation, SDLC participation
Security & Infrastructure	JWT/OAuth 2.0 authentication, Cybersecurity fundamentals, CompTIA Security+, Network configuration
Other	Excel VBA macros for automation, HIPAA-aware practices (familiarity through enterprise compliance)

PROFESSIONAL EXPERIENCE

Software Engineer

USAMCO, Phoenix, AZ | 2022 – 2025

- Performed programming and maintenance on enterprise systems using Java (Spring Boot), C#/.NET Core, and PostgreSQL, optimizing code and architecture to achieve 30% efficiency gains and support business requirements for scalable operations.
- Designed, coded, and integrated RESTful APIs and microservices, refactoring legacy codebases to modern structures for improved maintainability, data flow, and performance in high-throughput environments.
- Developed and maintained databases, including query design and optimization for ad-hoc reporting and data processing, reducing response times and automating workflows via custom C# tasks and scripts.
- Participated in Agile teams as a contributor and facilitator, handling sprint planning, code reviews, and CI/CD pipeline automation with Docker and GitHub Actions, cutting manual deployments by 60%.
- Created logic flows, program structures, and unit test plans; tracked and resolved issues to ensure system reliability and compliance with design standards.
- Collaborated on medium-scale projects, providing time/cost estimates, post-implementation reviews, and documentation to meet stakeholder needs.

Senior QA / Scrum Master

Oracle, Phoenix, AZ | 2015 – 2020

- Served as Scrum Master for development teams, facilitating Agile processes including sprint planning, daily stand-ups, retrospectives, and backlog refinement to increase team velocity and delivery predictability.
- Led programming and automation framework development using Selenium, JUnit, and structured programming techniques, reducing manual testing by 50% and accelerating release cycles.
- Maintained and developed complex test systems and programs, including query design, database interactions, and data mapping between systems to identify and resolve defects.
- Participated in SDLC for large projects, mentoring junior team members on programming methods, virtualization tools, and best practices for code quality and efficiency.
- Managed project coordination, including tracking processing problems, implementing requirements, and conducting code/system reviews for adherence to standards.
- Trained staff on programming files, terms, and workflows, contributing to technology planning and process improvements.

Quality Assurance Analyst

Oracle, Phoenix, AZ | 2011 – 2015

- Executed programming for automated testing scripts and maintained web application systems, ensuring early defect detection and compliance with quality standards.
- Developed ad-hoc reports and participated in data analysis, query design, and system interface specifications to support cross-functional issue resolution.
- Collaborated on medium projects, creating test plans, logic flows, and documentation while prioritizing tasks under time constraints.

Quality Assurance Analyst

Multisystem Inc, Phoenix, AZ | 2007 – 2011

- Provided programming support for enterprise applications, diagnosing and resolving software issues through code maintenance, upgrades, and deployments.
- Assisted in system development and user training, focusing on efficient programming techniques and minimal downtime.

Technology Officer (Volunteer)

Grace Asian Church, Phoenix, AZ | 2011 – Present

- Architected and maintained IT systems, including network configuration, firewalls, and custom scripting for automation, aligning with business-like requirements for reliability and security.
- Led project management for AV/IT infrastructure deployments, including planning, implementation, and training, similar to enterprise system rollouts.

EDUCATION & CERTIFICATIONS

- MIT xPro Professional Certificate in Coding: Python, C, Java (2021)
- CompTIA Security+
- Arizona State University (2010–2012)
- Glendale Community College (2000–2003)
- High School Diploma, Alhambra High School (1992–1997)

PROJECTS & CONTRIBUTIONS

- Enterprise System Maintenance & Optimization: Refactored legacy code to microservices with Java/.NET Core/PostgreSQL, improving efficiency by 30–60%.
- Agile Automation Frameworks: Developed Selenium/JUnit-based testing systems, reducing defects and supporting Scrum processes.
- Workflow Automation: Created VBA/Excel scripts and API integrations for data processing and reporting.
- Infrastructure Projects: Managed virtualization (Oracle VM) and lab environments for development/testing, ensuring optimal resource utilization.