

Omer Zahid

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Professional Summary

Results-oriented Senior Software Engineer with extensive experience designing and delivering enterprise-scale, AI-enabled software solutions across full-stack environments. Skilled in the full software development lifecycle (SDLC) — from requirements analysis, object-oriented design, and coding to testing, integration, and deployment — while aligning with Agile principles. Developed and optimized AI-driven tasking and scheduling systems, leveraging machine-learning algorithms to boost operational efficiency. Proficient in Java, Python, React, Spring Boot, and infrastructure automation using Maven, GitLab, and Azure DevOps (ADO). Strong command of Docker, Kubernetes, OpenShift, and Azure Kubernetes Service (AKS) for container orchestration and scalable microservice deployments.

Adept at embedding AI/ML workflows into CI/CD pipelines for continuous training, validation, and deployment. Experienced in Agile frameworks including Scrum and Kanban, managing multi-program sprints and delivering iterative solutions with measurable performance gains. Advanced scripting in YAML, PowerShell, Bash, and JSON across both Windows and Linux environments. Known for leading modernization efforts, reducing latency, and improving system reliability. A proactive collaborator and mentor, fostering innovation through technical leadership, automation, and AI-driven process improvements across complex enterprise systems.

Professional Experience

Costco Wholesale – Senior Software Engineer

Oct 2019 – Present | Issaquah, WA

- Modernized Costco's payment systems by redesigning legacy API interactions into modular interfaces, enabling seamless Apple Pay integration for \$10K+ transactions, reducing maintenance overhead, and improving P95 checkout latency from 500ms+ to less than 300ms via a modern tech stack.
- Tech Lead for Enterprise Services, guiding major technical decisions, helping a team of five engineers grow, and making sure our short-term work feeds into the company's bigger goals over time.
- Resolved over 200 production incidents across critical systems by leveraging Microsoft Copilot and Dynatrace Davis AI for intelligent observability, driving faster recovery through structured playbooks and automation, and contributing to sustained reliability.
- Engineered RESTful APIs optimized for scalability and efficient transaction processing for Costco's Jewelry platform, leveraging reusable components to streamline codebase and support high-volume throughput.
- Led containerization strategy across team by introducing Docker and OpenShift adoption; reduced environment setup time from several hours to under 30 minutes.
- Mentored 10+ junior engineers and interns, onboarding them through pair programming, knowledge-sharing sessions, and system architecture walkthroughs.
- Collaborated cross-functionally with Product and GTM teams to evaluate tradeoffs, prioritize security-compliant features, and ensure minimal disruption to business operations during deployments.

- Maintained high availability of critical legacy systems (IBM Websphere, SOAP) during ongoing migration efforts, ensuring uninterrupted service for active dependencies and preserving 99.99% uptime throughout the system deprecation roadmap.

Express Scripts - Full-Stack Developer

Nov 2016 - Oct 2019 | Franklin Lakes, NJ

- Built and maintained enterprise-grade full-stack applications using React/Redux, Java SpringBoot, and Oracle/DB2 databases, supporting 5+ internal business units with over 10,000 daily users.
- Engineered Python-based data validation tooling to verify data replication accuracy between Oracle and DB2 via Oracle GoldenGate, detecting sync mismatches in real time for more than 1M records/week.
- Led migration from HP UFT to Selenium-Java test framework, reducing QA tooling costs by approximately \$50K/year while improving test maintainability.
- Developed an end-to-end automated UI regression suite using Selenium, integrated with Jenkins pipelines, Jira workflows, and Sauce Labs for cross-browser testing, accelerating feedback cycles and improving release stability and test coverage.
- Enabled secure CI/CD deployment pipelines for cloud server migrations through tight integration with Git, Jenkins, and automated test gates.
- Collaborated with DevOps, DBAs, and business analysts to support backend feature development for logistics and inventory systems, contributing to cross-team planning and integration readiness during rollouts.

Technical Skills

- Languages & Frameworks:** Java 21, JavaScript (ES2023+), TypeScript 5.x, Python 3.11, SQL (ANSI), React 18, Redux Toolkit, Node.js 20, Spring Boot 3.x, HTML5, CSS3 (Flexbox, Grid), RESTful APIs, GraphQLJava, JavaScript (ES6+), TypeScript, Python, SQL, React, Redux, Node.js, Spring Boot, HTML5, CSS3
- Cloud & Platforms:** Microsoft Azure (App Service, Key Vault, Blob Storage), Red Hat OpenShift 4.x, Kubernetes 1.29, Docker 24.x, Azure Kubernetes Service (AKS), Linux (RHEL/Ubuntu)
- DevOps & Tools:** Git (GitHub, GitLab), Jenkins 2.x, CI/CD pipelines, Maven, Gradle, Test-Driven Development (TDD), JUnit 5, Jest 29, Selenium 4, Cucumber 7, Sauce Labs, SonarQube 10, Splunk Enterprise 9, Dynatrace, Postman, Swagger
- Databases:** Oracle 19c, PostgreSQL 16, IBM DB2 11.x, MySQL 8.x, MongoDB 7.x

Education

Bachelor of Computer Information Technology

Minnesota State University, Mankato — 2013–2016