Cameron Mirza

cmirza.dev
mail@cmirza.com
github.com/cmirza
503-737-5050

SKILLS

Programming Languages: Python, JavaScript, Java, Bash Shell, Shell Scripting
Frameworks & Libraries: Spring, React, Express, Flask, JUnit, Playwright, Selenium
CI/CD Tools: Jenkins, GitHub Actions, Kubernetes, Docker (Terraform)
Cloud Services: AWS (EC2, S3, API Gateway, Elastic Beanstalk), MongoDB Atlas
API Development: RESTful APIs, GraphQL
Project Management: Scrum, Agile

WORK EXPERIENCE

Software Developer
Evernorth Health Services, Portland, OR
November 2022 — March 2024

Engineered and deployed multiple Spring-based microservices, batch, and stream processors integral to handling claims data, demonstrating strong proficiency in large-scale distributed system development. Actively participated in a support rotation, addressing critical production issues and coordinating cross-team solutions, enhancing system reliability and performance.

Managed AWS cloud services configurations and deployments (EC2, S3, API Gateway, Elastic Beanstalk) to optimize delivery processes, showcasing a solid understanding of public cloud platforms and networking principles. Implemented and maintained a MongoDB database within Mongo Atlas, ensuring robust data security and availability for critical medical claims information.

Automated repeatable processes and integrated solutions to enhance delivery workflows and developer productivity. Collaborated with development, operations, and security teams to identify and resolve issues, improving code quality and delivery speed. Developed and consumed RESTful APIs and GraphQL services, ensuring efficient data integration and communication.

Software Development Engineer in Test (SDET)
Kollective Technology, Bend, OR
May 2021 — November 2022

Led the development and maintenance of automation platforms and scripts for testing the Kollective ECDN using JavaScript, Python, Playwright, Docker, and Kubernetes, focusing on enhancing observability and operational reliability. Managed the CI/CD pipeline for a robust testing framework, aligning with best practices in GitOps deployments using Kubernetes.

Contributed to the design and implementation of Kubernetes controllers and CNCF components, fostering innovations in technology and operational best practices. Provided technical coaching to junior engineers, enhancing team skills and contributing to the organization's culture of technical excellence. Designed and consumed RESTful APIs and GraphQL services to ensure efficient data handling and communication.

Developed and orchestrated automated tests using Jenkins and GitHub Actions to reduce manual effort and improve product quality. Utilized infrastructure-as-code technologies such as Terraform for automated environment setup and configuration. Enhanced containerization and deployment processes using Docker, ensuring consistent and reliable application performance.

QA Analyst
Plus QA**,** Portland, OR
August 2019 — July 2020

Performed Quality Assurance testing for Airbnb iOS and Android applications covering regressions, new feature and smoke testing. Documented issues over JIRA, working with developers to track and verify fixes.

Software Test Engineer (QA)
Optimization Technologies**,** Portland, OR
May 2018 — Apr 2019

Develop, execute, and document the Quality Assurance tests for Boeing's avionics messaging system. Cooperated with Boeing engineers at their Seattle Test Lab in integration test efforts for formal product releases. Primarily tested API back-end and a limited set of front-end components. Performed regression, functional, load and performance tests. Wrote automated test scripts in Bash and Python.

EDUCATION

Portland State University, Portland, Oregon — Towards General Education & Computer Science