

Alexander Haldeman

Senior Software Engineer

Email: alxhldmn@gmail.com

High-performing full-stack software engineer experienced in continuously developing and deploying robust, well-tested code in a collaborative environment using eXtreme Programming principles, Test-Driven development, Continuous Integration and Continuous Deployment

EXPERIENCE

Infinite Ranges (previously Broadcom, VMware Tanzu Labs)

February 2021 - Present

Senior Software Engineer

- Paired with clients across the healthcare, insurance and financial services industries to deliver full-stack web applications utilizing a wide variety of tech stacks while mentoring them on practices including TDD, eXtreme Programming and Lean Product Management
- Facilitated event-driven systems design exercises that resulted in the development of an architecture roadmap for a large microservices application
- Contributed to the Labs development community by creating a guide for creating walking skeleton projects and giving a talk on Testcontainers
- Improved delivery speed on a large healthcare client through the introduction of a feature-flagging mechanism that allowed the team to rollout the product to new customer segments without doing additional production deployments
- Technology Stacks: React, Vue, Jest, Cypress, Spring Boot, JUnit, NodeJS + Express, Azure DevOps CI/CD

BridgePhase

July 2019 - February 2021

Software Engineer II

- Software Engineering consultant on the USAF Kessel Run Experimentation Lab project
- Contributed to a full-stack SaaS product using microservices architecture and event-driven programming paradigms
- Enabled, promoted and mentored others in software engineering practices such as TDD, eXtreme Programming, and Pair Programming
- Technology Stack: React, Jest, Cypress, Spring Boot, JUnit, RabbitMQ, MySQL, Docker, Pivotal Cloud Foundry, and OAuth

Morningstar

August 2018 - 2019

Software Engineer

- Contributed to iterative maintenance of a large financial data aggregation engine containing 1000s of web crawlers using Java and JavaScript - Helped improve data aggregation from JavaScript-intensive sites using a custom headless browsing framework written in Java
- Contributed to a suite of automated tests written in Java and templated in XML to assist in data quality improvement
- Technology Stack: Java, JavaScript, headless Chrome, multiple Domain Specific Languages implemented in Java and XML, Oracle SQL

JP Morgan Chase

July 2016 - August 2018

Software Engineer (Analyst)

- Maintained and built new features for a web-based portal that allows external clients to service commercial loans
- Helped migrate the project from a monolithic Spring MVC application to a microservice architecture using Spring Boot and Angular 5
- Optimized application performance by tuning Oracle SQL queries and introducing multi-threading to long-running batch jobs
- Helped create and maintain an automated testing suite built on top of JUnit/Mockito, Cucumber, and Protractor
- Technology Stack: Spring Boot, Spring Batch, JUnit, Mockito, Cucumber, Angular, Protractor, Oracle SQL

EDUCATION

University of Delaware

August 2012 - May 2016

Bachelor of Science, Computer Engineering

CERTIFICATIONS

Certified Kubernetes Application Developer

December 2021

CNCF