Alexander Fielding

Software Architect with a focus on Multi Cloud and DevOps technology looking for new opportunities to widen my skill set.

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Work Experience

TransUnion
San Luis Obispo, CA - Software Architect - CI/CD Team

September 2019 - Current

- Designed epics and user stories
- Assisted in hiring by conducting technical interviews. Oversaw new developer onboarding.
- Optimized CI/CD pipelines and implemented feature requests such as establishing governance and feature flags around pipeline functionalities. Integrated scanning tools such as Sysdig/Sonarr/Checkmarx/Wiz.
- Managed Artifactory, set up RBAC, and configured federated repositories.
- Led the migration of 80+ applications from Docker EE to Kubernetes using Helm charts. Configured livesness probes to a custom python healthcheck library configured with Widlfly API
- Improved patching processes for container OS, Java, etc., with custom Groovy scripts, ensuring releases every 90 days.
- Implemented Selenium-based front-end test suites in the CI/CD pipeline.
- Supported application releases, validations, and production issue resolutions.

CSULB Institute Research and Assessment
Long Beach, CA — *Oracle SQL Programmer*

November 2018 - May 2019 (7 months)

Developed Python and NoSQL scripts to insert sensitive data into Oracle databases for the Bridging the Gap and Long Beach Promise projects, collaborating with Long Beach Unified School District, Long Beach Community College, and California State University Long Beach.

City of LA Office of the CAO
Los Angeles, CA — *Summer Intern: Database Design*

May 2018 - November 2018 (5 months)

Responsible for the database design and implementation for monitoring information regarding funding received through Disaster Grants to assist the city after disaster events. Database written in Microsoft Access using VBA.

Education

CSU Long Beach — B.S. *Computer Science*
August 2017 - May 2019

Cuesta College — A.S. Mathematics
August 2014 - May 2017

Skills
AWS Certified Cloud Practioner
GCP
Docker
Maven
Jenkins
Kubernetes
Helm
Terraform
Ansible
Object-Oriented Programming
Django Framework
React Native
Agile Development
MERN
.NET
MVC
Grafana
Prometheus

Github
https://github.com/zance1054

LinkedIn
https://www.linkedin.com/in/alexander-fielding-6ab223139/

Personal Website
https://fielding.cloud

Languages
Python, Java, C++, C#, SQL, Visual Basic, Bash, CSS/HTML, Javascript, MIPS, Verilog

Research

Exploring the Binary Nature of STF 2128 Using Separation And Position Angle Measurements
Research project investigating star STF 2128. Responsible for the data analysis of provided measurements to aid in the determination of the stars classification as a binary star. Full paper available in The Journal of Double Star Observations Volume 14, Page 54