zach@zmc.dev (479) 459-5787

Objective

Experienced engineer with a strong containerization focus, looking for a young company where I can help define engineering focus and develop highly-available high-traffic applications.

Technical Skills

→ Linux/Unix

→ Bash

→ Go

→ Typescript

→ Java

→ AWS

→ Spark

→ Scala

→ Kubernetes

→ Docker

→ DevOps

→ System Administration

→ Platform Engineering

→ Web Development

→ Terraform

→ ArgoCD

→ CI/CD

→ Cybersecurity

Certifications

→ Certified Kubernetes Administrator (CKA)

→ Certified Kubernetes Security Specialist (CKS) → Certified AWS Solutions Architect -Associate

Professional Experience

Bridgephase

Senior DevSecOps Engineer

Arlington, VA (Remote)

August 2024 - Present

- → Maintainer on an <u>open-source Air Force project</u> that provides an out-of-the-box secure computing environment for software development and deployment built on K8s
- → Led architectural redesigns of core packages concerned with service mesh and observability implementations
- → Originated and documented best-practices for architectural changes around core packages
- → Directed teams in best practices implementing runtime observability with strong focus on OpenTelemetry

First Orion

Software Engineer

North Little Rock, AR

→ Architected and implemented multiple customer-facing solutions

January 2022 - August 2024

- → Designed and implemented a CI/CD solution that doubled developer velocity and increased runtime observability
- → Pioneered the adoption of modern cloud-native solutions to increase organization efficiency and reduce development roadblocks
- → Served as subject-matter-expert for Kubernetes and containerized application deployments

Dillard's, Inc

Little Rock, AR

System Administrator

April 2021 - January 2022

→ Maintained multiple external and internal web applications across RHEL and AIX hosts in an IBM Power environment

- → Automated TLS certificate provisioning with internal/private certificate authority
- → Implemented logging and metric aggregation for OpenShift migration
- → Worked with platform team to identify and resolve roadblocks for OpenShift/Kubernetes adoption
- → Automated migration from outdated version control systems to new git-based internal source control platform

US Army Barling, AR

68W1O Combat Medic

Nov 2011 - Nov 2017 (Honorable)

- → Served as squad leader of an ambulance team
- → Maintained medical and military equipment
- → Maintained military readiness of my squad and medical readiness of my assigned units
- → Responsible for medical reporting and HIPAA compliance

Love's Travel Stops and Country Stores

Various Locations in AR and OK Sept 2017 - April 2021

General Manager

- → Led entire store teams of 25-50 individual contributors across guick-service restaurant, truck care, and convenience store concepts
- → Consistently grew revenue and margin at several locations
- → Directed merchandising operations
- → Maintained cash controls
- → Served as single HR point-of-contact for the store with hiring and termination responsibilities

Walmart Stores Inc. Fort Smith, AR

Assistant Store Manager

Oct 2008 - Sept 2017

- → Led operations teams across departments
- → Served as store manager in lieu
- → Created merchandising plans
- → Mentored department managers in merchandising operations

Education

University of Arkansas - Fort Smith

2008-2012