Nick Clear

231-409-0332 • nickclear22@gmail.com • Phoenix, Arizona
www.linkedin.com/in/nickclear • www.github.com/nmclear • www.nickclear.com

TECHNICAL SKILLS

Terraform • Kubernetes • JavaScript • Node.js • React • React Native • DevOps • Python • ES6 •
Infrastructure as Code • Serverless • AWS • Redux • Microservices • HTML5 • CSS3 • Git • GraphQL

EXPERIENCE

University of Phoenix   **Phoenix, AZ**
Software Engineer II   *November 2019 – Current*
- Designed a self-service Terraform Enterprise workflow for development teams to take advantage of automated, on-demand provisioning of cloud infrastructure.
- Improved the speed of deploying production-ready infrastructure by writing reusable Terraform modules that have built-in compliance and conformance set by the architecture team.
- Increased new degree enrollments by building user friendly React components for the re-chromed student application experience.
- Built highly-scalable on-demand Kubernetes staging clusters for engineers to test containerized workloads in isolation and in a cost-effective manner.
- Served as a technical mentor for new engineers to help them better adapt to our tech stack and learn the professional aspects of software engineering.

University of Phoenix   **Phoenix, AZ**
Software Engineer I   *April 2019 – November 2019*
- Implemented a tagging strategy for easier cost allocation of cloud resources and to assist with financial accountability during our digital transformation to AWS.
- Reduced unallocated cloud spend by 25% through implementation of a tag monkey using CloudTrail events to trigger AWS Lambda functions to automatically remove untagged resources from our cloud accounts.
- Optimized the Hardening of Kubernetes deployments by using CloudWatch events to trigger an AWS Lambda to randomly delete Kubernetes pods to test an application's response to pod failures.
- Enabled automated CI/CD solutions for applications deploying to the EKS platform by using Bitbucket, Helm, Bamboo, and Spinnaker.

EDUCATION

UNIVERSITY OF CALIFORNIA, IRVINE   **UNIVERSITY OF WISCONSIN - MADISON**
Full Stack Coding Web Development Program   *Bachelor of Science in Biology*

WORLD BREWING ACADEMY – SIEBEL INSTITUTE OF TECHNOLOGY
Advanced Brewing Theory Certificate

CERTIFICATION

HashiCorp Certified: Terraform Associate   **AWS Certified Cloud Practitioner**
Issued May 2020 – Expires May 2022   *Issued May 2019 – Expires May 2022*

Certified SAFe® 4 DevOps Practitioner   **Certified SAFe® 4 Practitioner**
Issued Oct 2019 – Expires 2020   *Issued Aug 2019 – Expires Aug 2020*

OTHER EXPERIENCE

Hop Lot Brewing Company   **Suttons Bay, MI**
Brewer   *April 2016 – Jan 2018*
- Expertly executed the brewing process and contributed to growing Hop Lot into an award-winning brewery.
- Operated brewing software to develop prized recipes and assist with brew-day data management.
- Managed QA by maintaining equipment in top condition, monitoring cellar operations and tracking fermentation data.