Lynda Foster

lyndabrf@gmail.com | Phone | LinkedIn | Burbank, CA   Github | Portfolio

SUMMARY

Problem solving Cloud DevOps Engineer with a proficiency in .NET web application and microservices development.

SKILLS

- **DevOps:** Ubuntu | Docker | Kubernetes | AWS | Jenkins | Terraform | Ansible
- **AWS Environment**: IAM | ECS | EC2 | Fargate | ECR | EKS | ELB | NLB | ALB | S3 | VPC | RDS | Subnets | CloudFormation
- **Languages**: Python | Bash | SQL | Git
- **Databases:** MySQL | PostgreSQL
- **Web/API:** .NET/C# | JavaScript | HTML | CSS | Bootstrap | Regex | Postman | Swagger

EXPERIENCE

Smoothstack - McLean, VA (Remote) | Cloud DevOps Engineer | 11/2022 - Present
Aline Financial – Online Banking Application

- Architected the infrastructure to deploy a highly scalable, available, and fault-tolerant 3-tier web application via Terraform
- Designed and maintained a robust CI/CD pipeline using Jenkins, GitLab, and SonarQube, resulting in efficient automation and seamless deployments to AWS
- Produced code that adheres to established security standards and quality control protocols using the Atlassian Suite (Jira/Confluence) and Git Flow in a Scrum environment
- Initiated Spring Boot microservices and React/Angular Node applications using Dockerfiles and Docker Compose to generate Docker images for cloud deployment
- Automated service operations and application installation using Python and Bash scripts
- Developed gray box smoke tests using Python for Java Spring Boot microservices to validate basic functionality before integration into a CI/CD pipeline

AWS Environment: IAM, ECS, EC2, ECR, EKS, ELB, Lambda/Boto3, S3, VPC, RDS, Subnets, CloudFormations, LoadBalancers.

Vermont Idea Company - Shelburne, VT (Remote) | Systems Software Engineer | 10/2022 - Present

- Extracted project requirements from Subject Matter Experts (SMEs) to document design concepts, manage integration work, and enable effective communication with software and business teams
- Maintained and managed systems documentation, including Software Design Description
- Implemented and converted existing MATLAB scripts to Python/Kotlin, adjusting the architecture to conform to an object-oriented programming environment
- Analyzed algorithm performance, identified opportunities for optimization and efficiency improvements, and proposed solutions

Environment: Python, MATLAB, Kotlin, Confluence, Jira

VOLUNTEER EXPERIENCE

JHQBraille Transcription - Laurel, DE | Braille Transcriber and Proofreader | 09/2016 - Present

Lynda Foster

- Transcribed and proofread mathematics and STEM textbooks into United English Braille and Nemeth, ensuring accuracy and compliance with relevant guidelines and standards
- Maintained accurate proofreading notes and provided references to UEB Guidelines to collaborate with team members on the execution of those guidelines
- Ensured the quality and accuracy of transcribed materials by thoroughly reviewing and proofreading for errors, and collaborating with team members to resolve any issues or discrepancies
- Contributed to the development and maintenance of process improvements and best practices for transcription and proofreading

CERTIFICATIONS

Terraform Associate (002) | Splunk Core Power User | ITIL Foundation in IT Service Management | Oracle Database SQL Certified Associate 1Z0-071 | SAS Certified Statistical Business Analyst

EDUCATION

MSc in Data Analytics | Western Governors University | Salt Lake City, UT

BSc in Computer Science & Accounting | Western Governors University, Salt Lake City, UT