

# Lynda Foster

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## SUMMARY

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Cloud Engineer with a BS Computer Science, a specialization in Salesforce technologies, and a background in DevOps.

## TECHNICAL SKILLS

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**Languages:** Java | React | SQL | Python | Bash

**Web/API:** JavaScript | HTML | CSS | Bootstrap | Regex | Postman | Swagger | XML

**DevOps:** AWS | Terraform | Jenkins | Ansible | Kubernetes | Ubuntu | Docker

## EXPERIENCE

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Salesforce - San Francisco, CA | Developer Support Engineer | 05/2023 - Present

- Provide subject matter expertise for **GovCloud** applications
- Created and maintained systems documentation for support processes and procedures
- Collaborated with cross-functional teams to identify and resolve client issues

Environment: Apex, Visualforce, Splunk, Workbench, Delphi, Blacktab, VS Code, Python, SQL, Tableau

Smoothstack - McLean, VA (Remote) | Cloud Engineer | 11/2022 - 04/2023

- Worked within an Agile Scrum team to deploy a highly scalable, available, and fault-tolerant 3-tier web application using sprints, code review, peer programming, and retrospectives
- Produced code that adheres to established security standards and quality control protocols using the **Atlassian Suite (JIRA/Confluence)** and **Git Flow**
- Architected reusable infrastructure modules with Terraform and Ansible to deploy applications to **Amazon Web Services (ECS and EKS)**
- Executed cost-benefit analysis of tech stack and proposed new software architecture that incorporated **CloudWatch** implementation, resulting in improved cost-monitoring
- Supported and maintained monitoring and alert systems with **ELK** stack and CloudWatch
- Designed and maintained a robust **CI/CD pipeline** using **Jenkins** and **GitLab** to streamline the deployment of **Java Spring Boot microservices**, **React/Angular** UI, and **MySQL** database to AWS
- Developed gray box smoke tests using **Python** for Java Spring Boot microservices to validate basic functionality before integration into a CI/CD pipeline
- Automated service operations and application installation using Python and **Bash** scripts

Environment: AWS, Terraform, Ansible, Jenkins, Kubernetes (EKS), CloudWatch, Splunk, ELK, GitLab, Python, Bash, Agile Scrum, JIRA, Confluence

Vermont Idea Company - Shelburne, VT (Remote) | Systems Software Engineer | 10/2022 - 03/2023

- Maintained and managed systems documentation in **Confluence** and **Software Design Document**
- Implemented and converted existing **MATLAB** scripts to **Python**, 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, Confluence, Jira, XML

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## CERTIFICATIONS

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Terraform Associate (002) | Splunk Core Power User | Axelos ITIL Foundation

## EDUCATION

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

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