Angela Tian

DevOps and Cloud Engineer

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Technical Skills

- **Languages**: Golang, Python, Bash, Java, C#, TypeScript
- **Tools**: AWS, Azure, Terraform, Kubernetes, ArgoCD, Ansible, Jenkins, GitHub Actions, Datadog, New Relic

Certifications

- Certified Kubernetes Administrator (Scored 95 / 100) — Feb 2024
- AWS Certified Solutions Architect – Associate (Scored 951 / 1000) — Aug 2023
- Microsoft Certified: Azure Fundamentals — Jan 2021

Work Experience

DevOps Engineer, StackAdapt — Oct 2024 – Present
- Worked on implementing IaC via Terragrunt for spinning up staging environments built with Terraform and AWS, such that developers can test changes in the core services.
- Co-led the local development environment project built using Telepresence and Kubernetes on ArgoCD to help developers test changes within key services.
- Doing full-stack development with Golang, TypeScript, and Svelte for a developer-facing website that helps create, manage, and delete test environments within a single interface.
- Skills: AWS, Terraform, Kubernetes, GitHub Actions, Golang, ArgoCD

Software Engineer II, Planview Inc. — May 2022 – Sep 2024
- Member of the Platform Engineering team; implemented secure, large-scale cloud architectures hosting the business' core products, essential developer tooling, and Jenkins automation, while collaborating closely with product teams.
- Engineered in AWS and Kubernetes to build and maintain scalable infrastructure hosting critical web applications, using Terraform to provision highly available cloud resources with Lambda, S3, EventBridge, SQS, ECS, etc.
- Skills: AWS, Terraform, Kubernetes, Docker, Ansible, Jenkins, GitHub Actions, Python

Computer Science Undergraduate Teaching Assistant, UBC — Jan 2021 – Apr 2022
- Assisted in teaching and grading for introductory operating systems and relational databases over 4 semesters.
- Skills: C, Assembly, SQL, Oracle Database, MySQL

Junior Software Engineer, Planview Inc.   May 2020 – Dec 2020
- Maintained services utilized by developers within the build, CI / CD, and cloud infrastructure; monitored servers and applications' workloads using Zabbix and Grafana, and debugged issues for on-premises infrastructure.
- Led a security initiative to run regular OWASP ZAP scans across internal web applications with SonarQube.
- Skills: Jenkins, Ansible, Docker, Bash

Agile Developer (iXp Intern), SAP   Sep 2019 – Apr 2020
- Member of the quality tools and infrastructure team for SAP HANA; worked with build and test automation in the product's back end and handled manual testing and bug fixes in the front-end.
- Led technical analysis and implementation of an internal testing tool using NGINX, Jenkins, and Docker.
- Skills: Linux, Docker, Java, Gradle, Selenium

Education

UBC, Computer Science Major, BSc (4.0 GPA)   Sep 2017–May 2022
- Dean and Kitty Toye Scholarship in Science   2018
- UBC Tuum Est Experiential Award   2017