

Angela Tian

DevOps / Cloud engineer with 2+ years of experience.

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Technical Skills

- **Languages** – Python, Bash, Golang, Java
- **Systems Administration** – Linux, Jenkins, GitHub Actions, Ansible, Terraform, Docker
- **Cloud Infrastructure** – AWS (EC2, ECS, S3)

Certifications

- AWS Certified Solutions Architect – Associate (Scored 951/1000) Aug 2023
- Microsoft Certified: Azure Fundamentals Jan 2021

Work Experience

Software Engineer II, Planview Inc. May 2022 – Present

- Member of the DevOps team; administrating and monitoring critical services hosted on Linux (Ubuntu) and cloud (AWS) hosts in the software development infrastructure with negligible interruption to users.
- Building new architectures in migrating to cloud containerization (private / public Docker registries to AWS ECR) and VCS (Gerrit to GitHub) solutions.
- Setting up server automation via Ansible and Terraform for provisioning and configuring remote and cloud (AWS EC2, S3) resources, with solid experience in Bash and Python scripting.
- Regularly maintaining the CI/CD system on Jenkins or GitHub Actions through debugging node issues and writing or configuring jobs to conduct frequent structured build, deploy, or test phases.
- Helped set up workflows for an internal incident response system with incident.io, onboarding four teams within the department within six weeks.
- Led a project to set up a SAST environment with SonarQube Enterprise.
- *Skills:* AWS, Jenkins, GitHub Actions, Ansible, Terraform, Docker

Computer Science Undergraduate Teaching Assistant, UBC Jan 2021 – Apr 2022

- Assisted in teaching and grading for introductory operating systems and relational databases.
- *Skills:* MySQL, Oracle Database, C, SQL

Junior Software Engineer, Tasktop Technologies May 2020 – Dec 2020

- Maintained services utilized by developers within the build, CI/CD, and cloud infrastructure.
- Took charge of responsibilities such as running security scans of the products, monitoring servers and services using Zabbix, fixing builds for Jenkins, and automating updates for build and internal infrastructure using Jenkins and Ansible.
- *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 elaboration and implementation of an internal testing feature using NGINX, Jenkins, and Docker, that simplified client-side testing for developers; worked extensively with web and automation servers to build an automatic process that completed execution in an average 15 seconds.
- *Skills:* Linux, Docker, Java, Gradle, Selenium

Education

UBC, Computer Science Major, Bachelor of Science (4.0 GPA – Graduated with High Distinction) Sep 2017 – May 2022

- Dean and Kitty Toye Scholarship in Science 2018
- UBC Tuum Est Experiential Award 2017