

BENNY(ZIYAN) JIANG

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TECHNICAL SKILLS

Deployment	Linux, Bash, Terraform, Docker, Kubernetes, Ansible, Podman, Postman
CI/CD & Cloud	AWS, Azure, GitLab, Jenkins, Digital Ocean, Google CP, Jira, Confluence
Programming	Python, JavaScript, C#
Database	MySQL, MongoDB, SQL
Web	Node.js, Express, Angular

WORK EXPERIENCE

Software Engineer - COOP

Jan 2022 - Aug 2022

Cubic Farms

Langley, BC

- Help DevOps team to automate .NET core project's deployment via Azure pipeline (10+ templates). Help feature team to design, debug, and maintain 5+ Web APIs.
- Improve running speed by last least 1 minute in CI/CD pipeline by creating a self-hosted auto-scaled agent pool.
- Improve configuration and reduce errors by creating Terraform template in the cloud database backup plan.
- Designed and created a pipeline for automating the QA engineer's scheduled tests.

PROJECTS

Farm Monitor System — Developer (Individual)

Sep 2022 - Dec 2022

An microservices architecture system receives data from each RESTful API service and shows it on a website

- Simplify deployment and configuration and Provide central management & logs via docker-compose.
- Applied asynchronous messaging via Kafka, supporting 10 users and 10 requests simultaneously.
- Designed CI/CD pipeline on Jenkins and triggered on Gitlab for auto-deployment and tests.

Student Grade System — Developer (Individual)

Sep 2022 - Dec 2022

An microservices architecture system with an auto-scale pool that is managed and deployed by Kubernetes

- Utilized a stack consisting of MongoDB, MySQL, Node.js, and Python, and it offers authentication and features for saving and analyzing scores.
- Designed and deployed using GKE, leveraging auto-scaling deployments triggered by load balancer's metrics.
- Designed CI/CD pipeline on google cloud for auto-deployment by a custom shell script.

ANP Atelier — Scrum Master & Developer (Group-Agile)

Sep 2021 - Dec 2021

Industry Sponsored Student e-commerce project to replace legacy system

- Applied MEAN stack and learned Angular from scratch while using it.
- Designed, and developed a login page, two form pages, and database backend API.
- Decided and assigned each week's sprint task and learning goal (Angular). Dominated review meetings to communicate with clients.

EDUCATION

Computer Information Technology Diploma

Jan 2020 - Dec 2022

British Columbia Institute of Technology (GPA 89% with distinction)

REFERENCES

Tyler Zale — Senior Software Engineer

tylerzale@hotmail.com

My direct supervisor when I was working at Cubic farms