BENNY(ZIYAN) JIANG

236-984-9623 ⋄ Bennyjiangzy@gmail.com

Github ⋄ Linkedin ⋄ Projects Portfolio

TECHNICAL SKILLS

Programming	Python, C#, JavaScript, Shell
Web	Node, Express, Angular, Vue, Figma
Database	MySQL, MongoDB, SQL
Cloud	AWS, Azure, GitLab, Jenkins, Digital Ocean, Google CP, Jira, Confluence
Tool & Software	Linux, Docker&K8S, Terraform, Postman, Ansible, Swagger-API, Jemter, Kafka

WORK EXPERIENCE

Software Engineer (DevOps) - 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 that can generate user tokens 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 (Azure) 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

- Applied MongoDB, MySQL, and Python. It offers authentication, 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.
- Deployed on AWS, applied with Route53, S3, RDS and proper IAM policy.

EDUCATION

Computer Information Technology Diploma   Jan 2020 - Dec 2022
British Columbia Institute of Technology (GPA 89% graduated with distinction)

Computer Science   Jan 2018 - Dec 2019
Alexander College (GPA 92%)

REFERENCES

Tyler Zale - Senior Software Engineer   tylerzale@proton.me
My direct supervisor when I was working at Cubic farms