Benny Jiang ❖ Bennyjiangzy@gmail.com ❖ (236) 984-9623 ❖ Projects Portfolio ❖ LinkedIn

SUMMARY

- 3+ years academic experiences with 8 months coop experience in software development and web development cycle.
- Developed 3+ web apps via Vue, Angular with MySQL and MongoDB in Agile. Deployed on cloud with Nginx, https.
- Skills in Python, JavaScript and C#. Designed and deployed two distributed systems on cloud via Docker & Kubernetes.
- Proficient in CI/CD, Git, Agile & Waterfall. Experienced in, Azure, AWS, Google Cloud, Jenkins and Azure Devops.

WORK EXPERIENCE

Cubic Farms   Jan. 2022 – Aug. 2022
Software Engineer Intern   Langley, BC
- Develop .Net core webapi projects, Debug and configure Serilog, Monitor and configure metrics on Datadog under Agile.
- Improve efficiency of CI/CD and testing by creating self-hosted proxy pools to cache docker images on Azure DevOps
- Manage infrastructure on Azure include database & DB backup plan, KeyVault, blob and docker repo via Terraform
- Designed scheduled automate unit test on Azure Devops pipeline with a QA engineer via YAML & Bash script

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 via JMeter
- Designed CI/CD pipeline on Jenkins and triggered on Gitlab for auto-deployment (Azure) and SonarQube 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 on GCP 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 bash 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, bootstrap, and learned Angular from scratch while using it.
- Designed, and developed a login page, two order form pages, and database CURD backend API.
- Deployed on AWS, designed VPC, EC2, Route53, RDS and proper IAM policy via Terraform and Packer.

EDUCATION

British Columbia Institute of Technology   Jan. 2020 – Dec. 2022
Diploma, Computer Information Technology, Graduate with distinction (89%/100%)   Vancouver, BC

Alexander College   Jan. 2018 – Dec. 2019
Degree, Computer Science, Incomplete (92%/100%)   Vancouver, BC

SKILLS

Programming Languages: Python, C#, JavaScript, Bash   **Database**: MySQL, MongoDB, SQL
Web development: Node, Express, Angular, Vue, Figma   **Tool**: Linux, AWS, Azure, Git, Terraform, Digital Ocean, GCP, Postman, Docker&K8S, Ansible, Nginx, Jenkins, Jira, Confluence, Apache, Swagger-API, JMeter, Kafka

REFERENCE

Tyler Zale – Senior Software engineer   My supervisor in Cubic Farms