Qi Dang

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Summary of Qualifications

- **2 years of work experience** in software development and technology industry
- **Solid technical skills in Cloud and Virtualization** with AWS, GCP, and Microsoft Azure
- **Strong software and web development skills and proficient** in Python, JavaScript, Java, NodeJS, ExpressJS, React, MySQL, PostgreSQL, MongoDB, etc.
- **In-depth knowledge of DevOps concepts** and tools such as Terraform, Ansible, Docker, Kubernetes, Jenkins, etc.

Work Experiences

Cloud Software Engineer   Jan 2023 – Present

HP Inc.

- Developed and managed marketplace products on AWS and GCP, implementing automated pipelines with TeamCity and Ansible to build cloud images, ensuring users had seamless access to the latest product versions
- Developed web applications using Node and React, and deployed using Azure App Services, ensuring seamless operation and scalability
- Designed comprehensive logging and monitoring solutions for web applications utilizing Azure Monitor, significantly enhancing efficiency for troubleshooting and debugging activities
- Collaborated with cross-functional teams to gather requirements, develop solutions, and ensure successful project delivery
- Participated in code reviews and provided constructive feedback to team members, fostering a culture of continuous improvement

Associate Software Developer Co-op   September 2021 – August 2022

HP Teradici

- Developed and maintained Terraform, Bash, PowerShell, and Python cloud deployment scripts for AWS and GCP to automate the process for customers to build the HP Anyware product environment
- Integrated cloud logging and monitoring services to improve efficiency for troubleshooting and scaling on AWS and GCP
- Maximized software robustness with comprehensive automated TeamCity pipelines
- Participated in the full SDLC of internal applications from designing, implementing, to deploying using AWS, GCP, and Bitbucket

Junior Backend Developer & Systems Engineer Co-op   May 2021 – August 2021

Intellyon Inc.

- Developed and maintained cloud infrastructure on AWS, improved server availability and secured with customized firewall
- Utilized Python OpenCV technology to generate video timeline to improve user experience and accuracy of video timeline
- Implemented and maintained user notification system with Python and AWS SES
- Designed and developed admin portal with Django to manage user accounts and post contents
- Participated in designing and management of PostgreSQL database to ensure accurate, appropriate, and effective use of data
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Education

British Columbia Institute of Technology, Vancouver, BC   Jan 2020 – Dec 2022

- Diploma, Computer Information Technology, With Distinction