Qi Dang

Phone: (250) 891-2068
Location: Vancouver, BC

Email: qid14@outlook.com
Website: https://www.qidang.me/

Summary of Qualifications

- **3 years of experience** in software development, focusing on cloud configuration, administration, and development with AWS, GCP, and Microsoft Azure.
- **Developed and maintained cloud-based applications** using Python, JavaScript, Node.js, and React, contributing to over 10 projects in diverse domains.
- **Hands-on experience with DevOps tools and practices**, including infrastructure as code (Terraform, Ansible), containerization (Docker, Kubernetes), and CI/CD pipelines (Github Actions, TeamCity).
- **Proven ability to streamline development and deployment processes** through automation and continuous integration, ensuring efficiency and reliability in software delivery.

Work Experiences

Cloud Software Engineer II
Jan 2023 – Present

HP Inc.
Vancouver, BC

- 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
- Key contributor to the successful launch of the joint HP/Microsoft project, *HP Anyware for Windows 365*. Developed web applications using **Node.js** and **React**, and deployed using **Azure App Services**, ensuring seamless operation and scalability
- Designed and implemented a logging and monitoring solution for web applications using **Azure Monitor**, collecting and filtering logs to display critical issues on a dashboard, streamlining the troubleshooting process and **reducing debugging time** by **30%**
- **Collaborated with cross-functional teams** across different time zones and countries, including direct work with Microsoft, to gather requirements, develop solutions, and ensure **successful project delivery**

Associate Software Developer Co-op
September 2021 – August 2022

HP Teradici
Burnaby, BC

- Developed and maintained **Terraform, Bash, PowerShell,** and **Python** cloud deployment scripts to **automate** the process for customers to build the HP Anyware product environment on **AWS** and **GCP**
- 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.
Burnaby, BC

- Developed and maintained cloud infrastructure on **AWS**, improving server availability and securing with customized **WAF**
- Utilized **Python OpenCV** technology to generate video timelines, enhancing user experience and accuracy
- Implemented and maintained user notification system with **Python** and **AWS SES**
- Designed and developed an admin portal with **Django** to manage user accounts and post content
- Participated in designing and managing a **PostgreSQL** database to ensure accurate and effective data use

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Store Manager/Owner   April 2018 – April 2020
Tomley's Market   *Victoria, BC*
- Responded to customers' inquiries, complaints, and requirements in a **timely** and **professional** manner
- Managed **weekly planning**, including employee scheduling, delivery schedules, and stock management
- **Hired new employees**, provided work safety training, and integrated them into the team
- Maintained supplier relationships to ensure **smooth operations**

Skills & Technologies
- **Programming Languages:** Python, JavaScript, Bash, PowerShell
- **Cloud Computing:**
    - AWS: VPC, EC2, S3, CloudWatch, SES, WAF, ELB
    - GCP: VPC, Compute Engine, Cloud Storage, Cloud Monitoring
    - Microsoft Azure: Virtual Network, Virtual Machine, App Service, App Gateway, Storage account, Key Vault, Azure Monitor
- **DevOps & Automation:** Terraform, Ansible, Docker, Kubernetes, TeamCity, GitHub Actions, Jenkins
- **Databases:** MongoDB, PostgreSQL, MySQL
- **Web Development:** React, Node.js, Express.js, Django, Flask, Redux, Redis
- **Languages:** English, Mandarin

Education
Diploma, Computer Information Technology, With Distinction   Jan 2020 – Dec 2022
- British Columbia Institute of Technology   *Vancouver, BC*

Interests & Activities
- **Cooking**
    - Enjoy experimenting with new recipes and flavors, focusing on creating balanced and healthy meals
- **Hiking**
    - Passionate about exploring new trails and outdoor adventures, emphasizing perseverance and physical fitness
- **Fitness**
    - Maintain a regular fitness schedule and engage in strength training, demonstrating a commitment to health and personal development through goal setting and consistency
- **Ultimate Frisbee**
    - Regularly participate in local leagues, developing teamwork and strategic thinking