

David Huang

Software Engineer

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EXPERIENCE

- **DevOps Consultant** Toronto, ON
FDM Group *November 2022 - February 2024*
 - Leveraged Terraform to provision Azure resources, including VMs, networks, and Azure Kubernetes Service, enhancing scalability and performance
 - Utilized Helm and Ansible playbooks to automate integration of Grafana and Prometheus, improving monitoring capabilities
 - Developed and managed CI/CD pipeline using GitHub, Jenkins, and SonarQube for improvement of code quality and streamlined releases
 - Demonstrated DevOps fundamentals and knowledge through multiple different DevOps related POD's
 - Deployed at client, Intact, as a DevOps Engineer
- **DevOps Engineer** Toronto, ON
Intact *March 2023 - July 2023*
 - Served as primary integrator for major monthly releases, ensuring successful deployment of code updates across multiple environments
 - Established and managed pipelines on Jenkins to automate code integration, testing, and deployment processes
 - Facilitated migration of services from RTC and WAS to GitHub and OCP, improving development workflow efficiency
 - Provided ad hoc support and troubleshooting for various operational issues, ensuring minimal disruptions to business operations
- **Automation Developer (Cloud)** Markham, ON
IBM *May 2019 - August 2020*
 - Automated testing processes and analyzed error logs to identify defects faster, reducing need for manual work
 - Conducted QA testing across multiple operating systems, including AIX, Linux, RHEL, and Windows
 - Developed pipelines using Jenkins to automate scenarios involving DB2
 - Collaborated with various teams which specialized in each defect that was detected during testing

PROJECTS

Centralized Report Platform for Toronto East Quadrant (TEQ)

Report storage and report generation software for the TEQ Immigration Partnership.

- Led development of report storage and generation software for TEQ Immigration Partnership, incorporating design practices learned throughout the course and implementing clients' requirements
- Used Python for the main application and also utilized SQLite to manage data and generate various reports, enhancing data organization and accessibility

CERTIFICATIONS

- AWS Certified Cloud Practitioner
- ITIL 4 Foundations
- Oracle Cloud Infrastructure 2023 Certified Foundations Associate
- Oracle Cloud Infrastructure 2023 Certified Architect Associate

SKILLS

- **Programming Languages:** Python, Java, Terraform, C, JavaScript, Bash, Go
- **Version Control & Frameworks:** Git, SVN, TkInter, Angular, Flask
- **Software & Tools:** AWS, Azure, Linux, Maven, Eclipse, Travis CI, Jenkins, OpenShift, Docker, Jira, L^AT_EX
- **Databases & Development Designs:** MySQL, SQLite, DB2, Agile (Scrum), Waterfall, MVC, ITIL 4

EDUCATION

- **University of Toronto** Toronto, ON
Computer Science - Software Engineering Stream (BSc) *Sep 2016 - Aug 2021*