Victor Cho
DevOps Engineer

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PROFESSIONAL EXPERIENCE

Everlink Payment Services   **Toronto, ON**
DevOps Engineer   *AUG 2023 — Present*

- Developed and debugged Linux components, including bash scripts, systemd services, networking ports, and file systems.
- Planned and implemented AWS features to optimize costs, ensure disaster recovery, enhance feedback loops, drive continuous improvement, and monitor performance for existing applications.
- Implemented Sumo Logic backups using AWS CloudFormation templates, enhancing monitoring stability by 50%.
- Configured Sumo Logic email alerts for monitoring log metrics such as errors, system performance, and storage utilization.
- Orchestrated and executed essential production changes for application services, ensuring seamless pipeline integration, with prompt communication with other teams.
- Identified and documented procedures for numerous existing applications that lacked comprehensive documentation, resulting in a 50% boost in work process efficiency.

Canadian Imperial Bank of Commerce (CIBC)   **Toronto, ON**
DevOps Engineer   *SEP 2022 — JUN 2023*

- Enhanced Pega Cloud data retrieval by leveraging PowerShell scripting and efficient Java/Bash scripts, achieving a 70% improvement in data retrieval efficiency.
- Implemented Java/JDBC SQL query automations for effective monitoring of Cloud transactions.
- Translated PowerShell scripts into Bash to facilitate comprehensive automation testing across different platforms.
- Streamlined app deployment by resolving Jenkins pipeline issues, resulting in a 50% deployment efficiency.
- Deployed and maintained packages in On-prem and Cloud Pega environments for testing and production.
- Adapted automation scripts for seamless functionality across different platforms, enhancing overall efficiency and effectiveness.

Stingray Business   **Toronto, ON**
Junior DevOps Engineer   *AUG 2021 — July 2022*

- Developed PowerShell scripts for continuous REST API querying, enabling real-time data sync in AWS S3.
- Created scripts to automate provisioning a fleet of to-be-deployed devices and content handling, increasing deployment efficiency by 60%.
- Ensured smooth operation of digital billboards by managing and maintaining the backend codebase.
- Resolved complex Docker issues thorough troubleshooting and system optimization.

Software Engineer Intern   *JUN 2020 — JUL 2021*

- Improved real-time updates in AWS S3 by 50% by script optimization with Bash and PowerShell.
- Developed scripts for automated installations, reducing provisioning time by 50%
- Created server-side system to track deployed devices.
- Managed and optimized back-end code for remote machine data.

Novramedia (Stingray)   **Toronto, ON**
Software Engineer Intern   *MAY 2019 — AUG 2019*

- Translated Ruby scripts into PowerShell, achieving data upload automatons on AWS S3.
- Designed JavaScript and HTML websites for clients.
- Developed JavaScript code for querying and managing data in Dockerized Apache CouchDB instances.
- Efficiently handled and updated data in AWS S3 and Apache CouchDB.

SKILLS

Scripting & Development	Powershell, Bash, Python, Java, SQL
OS & Tools	Linux, Docker, Sumo Logic, Amazon Web Services, Docker, Terraform, Jenkins

EDUCATION

University of Toronto, St George   **SEP 2017 - NOV 2021**
Bachelor of Cognitive Science, Minors in Statistics, Linguistics   *Track - Computational Cognition*

PERSONAL PROJECTS

vccho.com - Personal Website   *JUN 2023*
Personal website using AWS S3 for secure and scalable storage. Route 53 was utilized to connect my custom GoDaddy domain to the S3 bucket, ensuring easy access to the website. The project achieved a professional online presence with reliable website hosting and enhanced branding. SSL/TLS encryption was implemented for secure browsing using AWS Cloudfront.