

EVAN ZHANG

DEVOPS ENGINEER

Portfolio

<https://www.evanzhang.io>

CONTACT



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Montréal, QC, Canada

EDUCATION

September 2020 - December 2023

Bachelor of Engineering in

Software Engineering

McGill University, Montréal, QC

Cumulative GPA: 3.51/4.0

Awards & Honors

Perspective Scholarship

SKILLS

DevOps and Cloud Platforms:

- Azure DevOps
- CI/CD Pipelines (Traditional and YAML-based pipelines)
- Artifact Management (JFrog Artifactory)

Automation and IaC:

- Ansible
- Terraform

Containerization and Orchestration:

- Docker
- Kubernetes
- Helm

Programming and Scripting:

- C#
- React
- Python
- Bash
- PowerShell

Languages

- English (Native)
- French (Native)
- Mandarin (Intermediate)

EXPERIENCE

May 2021 - Present

DevOps Engineer

Nuvei Technologies (NASDAQ, TSX: NVEI), Montréal, QC, Canada

Full-Time Role: Jan 2024 - Present

Summer Internships: Summer 2021, 2022, 2023

Part-Time: Sept 2021 - May 2022, Sept 2022 - May 2023, Sept 2023 - Dec 2023

On-Call Support: Provided 24/7 on-call support for production environments across cloud and on-premises systems (Linux and Windows), utilizing tools such as **Dynatrace**, **Prometheus**, **Grafana**, and **Splunk** to analyze logs, troubleshoot and diagnose issues.

Automation at Scale with Ansible:

- Engineered Ansible playbooks to manage **21 websites**, **6 web services** and **18 task schedulers**, optimizing deployment processes.
- Designed 8 reusable role templates, implemented robust pipelines, and streamlined server provisioning, reducing manual configuration by **80%**.

Infrastructure as Code with Terraform: Built **Terraform modules** to provision **Azure storage accounts** and manage **user identities**, ensuring scalable, secure, and repeatable infrastructure.

CI/CD Pipelines and Artifact Management:

- Worked with both traditional and YAML-based CI/CD pipelines to manage end-to-end release processes.
- Pioneered the integration of **JFrog** into the pipeline infrastructure, enabling efficient artifact management in YAML-based pipelines.

DevOps Portal Development:

- Designed and developed a comprehensive DevOps Portal using **C#** and **React**.
- Automated release processes and centralized server, component, and dependency management, reducing search times for applications and servers by **70%**.
- Created over **50 APIs** and **9 pages**, significantly improving team efficiency in release and application management.

Process Automation and Scripting: Developed over **10 scripts**, automating routine tasks and enhancing team productivity while reducing manual intervention.

Documentation and Knowledge Sharing: Authored in-depth deployment guides, release documentation, and root cause analyses, facilitating knowledge transfer and supporting efficient troubleshooting in production.

May 2024 - Present

Part-time Web Developer

Shriners Hospitals for Children Canada, Montréal, QC, Canada

- Developed a WordPress website using HTML, JavaScript and managed hosting. Collaborated with stakeholders to meet website requirements and functionalities. Performed ongoing maintenance and updates based on feedback.

PROJECTS

Dec 2024 – Present

Drafty Pro (www.draftypro.com)

- Developed and launched an AI-powered email tone converter, integrating Stripe for payments, Firebase for secure data storage, and Vercel for hosting.

Jan 2023 – Dec 2023

Creating an Accessible and Inclusive Reading Experience | Capstone Project

McGill University, Montréal, QC, Canada