Austin Bennett

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EDUCATION

McMaster University — Hamilton, ON
B.Eng. Software Engineering & Management — *Sept 2019 – April 2025*
- Notable Coursework: Data Structure & Algorithms, Software Testing, Databases, Computer Networks & Security

EXPERIENCE

Equinix — Toronto, ON
Software Developer Intern — *May 2024 – Aug 2024*
- Selected as a top 4 finalist in the Equinix Sharktank competition, outshining interns across North America.
- Championed the deployment of **Ansible** as a network configuration management tool, projected to **save 360 hours annually**.
- Automated the conversion of network inventory data to Ansible YAML files using Python and Pandas, streamlining configuration workflows.

TD Bank — Toronto, ON
DevOps Engineer Intern — *Jan 2023 – Aug 2023*
- Led cross-team communication for **Azure Cloud** migration over 3 months, improving scalability and reliability.
- Automated release deployments using **Java Selenium** and **Rundeck**, saving 2 hours per release cycle.
- Managed **Jenkins CI/CD** processes for *20 builds weekly*, ensuring *85% successful* build and test rate.
- Resolved approximately 10 **Git** conflicts and **Jenkins** issues monthly, *reducing resolution time by 25%*.

Software Engineer Intern — *May 2022 – Aug 2022*
- Tested **Spring Boot** REST API for **Angular** EasyWeb banking applications.
- Collaborated closely with the UX/UI design team to transform **Figma** designs into fully functional and interactive web components.

PROJECTS

Finance Platform (Capstone Project) | *React, Next.js, Express.js, MongoDB* — Sept 2024 – April 2025
- Led the design and development of a financial platform managing $2M in club funding, enhancing transparency and accountability.
- Built the platform from the ground up to support the financial transparency and accountability of student organizations.
- Developed a scalable platform using **React, Next.js, and MongoDB** to streamline club financial processes.
- Defined development roadmaps with **GitHub Projects**, ensuring timely delivery of key features.

Google Student Developer Club | **AI Journal, AutoML** — Sept 2023 – April 2025
- Spearheaded DevOps operations to streamline workflows for both the **AI Journal Application** *(Espressly)* and *(AutoML)*.
- Designed a robust cloud architecture for a user-friendly machine learning service on **Google Cloud Platform**.
- Authored comprehensive **Docker** configurations for each component of the application stack, enhancing portability and deployment efficiency.
- Incorporated **Terraform** as a core tool in the **GitHub Actions CI/CD** pipeline, allowing for automated provisioning and management of cloud infrastructure on GCP.
- Successfully integrated **Google Kubernetes Engine** (GKE) to orchestrate container deployment, scaling, and management, achieving high availability and streamlined rollouts of application updates.

SKILLS

Languages: Bash, Haskell, HTML, Java, JavaScript, JSON, Python, SQL, TypeScript
Tools & Platforms: Ansible, Atlassian Suite, Azure Cloud, Docker, Figma, GitHub Actions, Google Cloud, Jenkins, Kubernetes, Postman, Selenium, Terraform, VIM
Libraries & Frameworks: Angular, React, Bootstrap, Next.js, Express.js, FastAPI, Flask, Node.js, Spring Boot, NumPy, Pandas, MongoDB, MySQL, JUnit
Credentials: Microsoft Azure Fundamentals: AZ-900 (*ID: 7482FE61CE96C076*)