

Daniel CHIATUIRO

Address: Mississauga, ON, Canada.

Telephone: 647-308-9832 (Mobile)

Email: danielchiatuiro@gmail.com

LinkedIn: <https://www.linkedin.com/in/daniel-chiatuiro-6ba035190/>

GitHub: <https://github.com/danieldgtal>

Website: <http://www.danni.vercel.app>

Profile Summary

Dynamic and results-driven Cloud DevOps and Software Engineer with experience in designing and deploying scalable cloud solutions and leveraging cutting-edge AI technologies. Proven expertise in building and optimizing CI/CD pipelines, automating IT operations, and creating robust infrastructure using Infrastructure as Code (IaC). Hands-on experience with AI and machine learning platforms, which enhances my ability to deliver innovative, market-ready solutions. Adept at working in agile environments, managing multiple priorities, and driving product development from conception to deployment. Seeking to contribute technical expertise and innovative solutions in a forward-thinking environment.

Key Competencies & Skills

- *Cloud Platforms:* Amazon Web Services (AWS), Microsoft Azure, Google Cloud Platform (GCP) (Google Compute Engine [GCE], Google Cloud Storage [GCS])
- *Infrastructure as Code:* Terraform, AWS CloudFormation, Azure Resource Manager (ARM)
- *Configuration Management:* Ansible, Chef, Puppet
- *Containerization:* Docker, Kubernetes, Amazon ECS, Google Kubernetes Engine (GKE), ACI
- *Continuous Integration/Continuous Deployment (CI/CD):* Jenkins, GitLab CI/CD, Circle-CI, GitHub Actions
- *Monitoring and Logging:* Prometheus & Grafana, ELK Stack, AWS CloudWatch, Azure Monitor and Advisor
- *Programming:* Python, NodeJS, Bash, PowerShell, .Net, PHP, Golang, Vanilla JS, React
- *Version Control Systems:* Git, GitHub, Bitbucket,
- *Networking:* TCP/IP, DNS, Load Balancing, VPN/VPC, etc.

Professional Experience

Software Engineer | Freelance | June 2020 - Date

- **Web and Mobile Application Development:** Designed and developed robust web and mobile applications integrated seamlessly with database servers. My work ensured efficient data handling and smooth user experience across all platforms.
- **Server Provisioning and Configuration:** Provisioned Linux servers and configured web servers such as Apache and Nginx. This groundwork ensured the reliability and security of the hosted applications.
- **Cross-Platform Design:** Implemented cross-platform optimized design approaches, ensuring compatibility and consistent user experience across various devices and operating systems.
- **API Design and Documentation:** Designed, developed, and meticulously documented APIs, facilitating seamless integration with other systems and services. This work supported the scalability and interoperability of the applications.
- **Security and Performance Audits:** Conducted thorough security and performance audits to identify and mitigate vulnerabilities. I also ensured that web applications adhered to good SEO practices, enhancing their visibility and accessibility.
- **Third-Party Application Support:** Provided comprehensive support and administration for third-party applications, ensuring they remained secure and up to date. This support minimized downtime and maintained business continuity.
- **API Enhancements:** Developed scalable APIs to Integrate AI Capabilities into applications

Cloud DevOps | Seneca College | May 2024 – April 2025

- **Cloud Infrastructure Management:** Designed, deployed and managed scalable cloud environments on AWS and Azure. Ensuring a high availability and reliability cloud environment.
- **Infrastructure as Code (IaC):** Automated the provisioning and configuration of cloud resources using tools such as terraform, PowerShell, ARM Templates, and AWS Cloud Formation. This significantly reduced deployment times, minimized human error and enabled IaC best practices such as versioning etc.
- **CI/CD Pipeline Implementation:** Streamlined the software development lifecycle by implementing CI/CD pipelines using Jenkins, GitLab CI/CD, Azure DevOps, GitHub Actions, etc. As the project required.
- **Containerization and Orchestration:** Utilized Docker for containerizing applications and managed their deployment and scaling with Kubernetes on AWS(EKS), Azure (AKS), and GCP(GKE). This improved resource utilization and application resilience.
- **Monitoring and Maintenance:** Leveraged Prometheus, Grafana, AWS CloudWatch, and Azure Monitor to continuously monitor and maintain the health and performance of cloud infrastructure. This proactive approach minimized downtime and quickly addressed potential issues.
- **Log Management:** Implemented comprehensive log management solutions using the ELK Stack (Elasticsearch, Logstash, Kibana), which facilitated efficient troubleshooting and analytics.
- **Python-Based Automation Tools:** Developed and maintained Python-based Automation Tools and applications, improving operational efficiency by 30%.
- **Python Modules for Data Processing:** Led the development of Python modules for data processing and infrastructure automation, ensuring scalability and reliability.

Education

Bachelor of Engineering (B.Eng.) in Computer Engineering | September 2021

Graduate Certificate (Grad. Cert) in Cloud Architecture & Administration | December 2024

Professional Certifications

- Hashi Corp Terraform Associate (003)
- Linux Foundation Certified System Administrator (Udemy)
- Microsoft Azure Administrator (AZ104)
- AWS Solution Architect Associate (Ongoing)
- GCP Associate (Ongoing)