Daniel Chiatuiro

Cloud DevOps Engineer · Site Reliability Engineer (SRE) · Platform Engineer · Build & Release Engineer

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

Cloud DevOps and Software Engineer with a strong background in full-stack development and deepening expertise in scalable cloud infrastructure, automation, and release engineering. Skilled in designing and deploying robust web, mobile, and API-based applications with a focus on performance, security, and user experience. Proven ability to build and optimize CI/CD pipelines, automate infrastructure with IaC, and manage cloud platforms across AWS, Azure, and GCP. Experienced in integrating AI and LLM systems via API, and driving operational excellence in agile environments through innovation, cost optimization, and automation.

Key Competencies & Skills

- Cloud Platforms: Amazon Web Services (AWS), Microsoft Azure, Google Cloud Platform (GCP)
- Infrastructure as Code: Terraform, CloudFormation, ARM Template, GCP Deployment Manager, Pulumi
- Configuration Management: Ansible, Chef, Puppet
- Containerization & Orchestration: Docker, Podman, Kubernetes, Amazon ECS, GKE, AKS, ACI
- Continuous Integration/Continuous Deployment (CI/CD): Jenkins, GitLab CI/CD, CircleCI, GitHub Actions
- Monitoring and Logging: Datadog, Prometheus & Grafana, ELK Stack, AWS CloudWatch, Azure Monitor & Advisor.
- Programming: Python, Java, NodeJS, Bash, PowerShell, .Net, PHP, Golang, Vanilla JS, React
- Frameworks & Stacks: LAMP (Linux, Apache, MySQL, PHP), MERN (MongoDB, Express, React, Node.js), FastAPI, Django, Flask, GIN etc.
- Version Control Systems: Git, GitHub, Bitbucket, GitLab.
- Networking: TCP/IP, DNS, Load Balancing, VPN/VPC, Firewalls.

Professional Experience

Cloud DevOps | Seneca College | May 2024 – April 2025

- Designed and managed scalable cloud infrastructure across AWS, Azure, and GCP using Terraform, CloudFormation, ARM Templates, and PowerShell, ensuring high availability, resilience, and cost efficiency.
- 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, DRY, etc.
- Containerized services with Docker or podman and orchestrated deployments via Kubernetes (EKS, AKS, GKE) to enhance scalability and fault tolerance in multi-cloud environments.
- Monitoring and Observability: Leveraged Cloud-Native and agnostic monitoring tools such as Prometheus, Grafana, AWS CloudWatch, GCP Stackdriver, 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.
- Collaborated on hybrid cloud architecture blueprints, documentation, and risk assessments, aligning architecture with GDPR, HIPAA, and other compliance frameworks.
- Engaged in cross-functional team projects, architecture reviews that emphasized governance, compliance, cost optimization, and lifecycle management of cloud resources (e.g., S3, Blob Storage, GCP Storage).
- Developed new proof-of-concept applications, maintain existing applications and infrastructure, designed and see through of migration and deployment strategies such as Rolling, blue-green and Canary deployment.

Software Engineer | Sterling Software Inc | June 2020 – May 2024
Focus: Full-Stack Development · CI/CD · Build & Release Automation · Infrastructure Engineering

- Developed and maintained full-stack web and mobile applications using LAMP and MERN stacks, ensuring performance, cross-platform responsiveness, and seamless data integration across platforms.
- Designed and implemented build and release automation workflows using GitHub Actions and GitLab CI/CD, enabling continuous delivery of frontend and backend services with zero-downtime deployment strategies.
- Provisioned and configured Linux-based production environments using Apache, Nginx, and Docker, with scripted deployments and environment isolation for development, staging, and production.
- 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.
- Contributed to unit, integration, and regression testing pipelines using Jest, Mocha, and custom test runners, ensuring that every release met SLAs and regression standards.
- Integrated containerization practices using Docker and deployed microservices internally for isolated testing, QA, and preview environments as part of the SDLC.
- Collaborated with cross-functional DevOps and QA teams to manage release cycles, coordinate feature rollouts, and respond to production incidents ensuring rapid delivery and minimal disruption.
- Developed and maintained Python-based Automation tools and applications, improving operational efficiency by 30%

Projects

Recent Projects:

SRE: **Resilio-Taskpulse**

GitHub: https://github.com/danieldgtal/resilio-taskpulse

- *Task-Pulse is a lightweight, cloud-native task management backend built to demonstrate modern SRE practices including IaC, Git-Ops Methodologies, Observability and Monitoring, resilience engineering.*

Cloud, DevOps & AI: **AI-Powered Expense Management Application**

GitHub: https://github.com/orgs/Debt-Solvers/repositories

- *Developed and deployed a cloud-native finance application powered by Azure Document Intelligence, OCR and Form-recognizer. For Intelligent data extraction, categorization and analysis.*
- *Built with Golang, Kotlin, PostgreSQL, following a microservice architecture.*
- *Containerized services with Docker, orchestrated deployment on AWS EKS, with infrastructure provisioned via Terraform and automated CI/CD pipelines using GitHub Actions.*
- *Implemented secure authentication and endpoint protection with JWT and developed RESTful APIs for seamless frontend-backend integration.*

Certifications

- AWS Certified Solutions Architect – Associate (in progress)
- Microsoft Certified: Azure Administrator (AZ 104)
- Google Cloud Certified: Associate Cloud Engineer
- Hashi Corp Certified: Terraform Associate
- Kubernetes and Cloud Native Associate (KCNA)
- Linux Foundation System Administrator (Udemy)

Education

Graduate Certificate (Grad. Cert) in Cloud Architecture & Administration | Seneca College | April 2025

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