

NICOLAS AGOSTINI

Vancouver, BC, Canada • nic.voy@hotmail.com • +1 (236) 777-1817 • linkedin.com/in/nicolas-agostini • github.com/nicoagostini • credly.com/users/nicolas-agostini.c7fb47ac • nicoagostini.com

PROFESSIONAL SUMMARY

Junior DevOps Engineer & **Google Cloud Certified Professional Cloud Architect** specializing in enterprise GCP infrastructure, Kubernetes, Model Context Protocol (MCP), and agentic LLM workflows. Combines 6+ years of operational leadership with production AI engineering to architect scalable, high-availability digital solutions.

CERTIFICATIONS

- Google Cloud Certified - Professional Cloud Architect**
Google Cloud (Series ID: 126998)
 - Validates enterprise-grade cloud solution design, security, scalability, and high-availability architecture on GCP.
- Active: Aug 2026 – Aug 2028
Credly Verification
- Google Cloud Certified - Associate Cloud Engineer**
Google Cloud (Series ID: 200623)
 - Demonstrates proficiency in deploying applications, monitoring operations, and managing cloud projects on GCP.
- Active: Aug 2026 – Aug 2029
Credly Verification

EXPERIENCE

- Junior DevOps Engineer**
Colony Networks
 - Architected an autonomous agentic workflow leveraging lightweight LLMs and Model Context Protocol (MCP) tools integrated into deployment pipelines, automating ticket triage and resolution.
 - Developed an internal web interface replacing legacy spreadsheet-based procedures, eliminating manual operational checks and streamlining team workflows.
 - Deployed and maintained containerized microservices on Kubernetes clusters using Helm charts, Docker, and automated CI/CD pipelines.
 - Configured system observability stacks using Prometheus, Grafana, and ELK (Elasticsearch, Logstash, Kibana) for real-time telemetry and health monitoring.
 - Authored custom Python and Bash automation scripts for Linux server maintenance, resource optimization, and security vulnerability patching.
- Aug 2025 – Present
Vancouver, BC
- Production Manager**
Automotive Body Shop
 - Led technical operations, workflow automation, and quality controls across a high-throughput environment.
 - Designed automated scheduling and cross-functional communication protocols, building operational leadership foundation essential for Forward Deployed Engineering.
- Apr 2018 – Dec 2024
Vancouver, BC
- Junior Developer**
Colony Networks
 - Built internal telemetry tools with Python, PostgreSQL, and Docker, visualizing system alerts via Elasticsearch.
- Jan 2018 – Mar 2018
Vancouver, BC
- IT Support Technician**
Info Fast
 - Developed a web-based ERP system using PHP/MySQL to streamline inventory management and sales operations.
- Mar 2015 – Sep 2017
Garibaldi, RS, Brazil

PROJECTS

- ResumeSmith — Technical Co-Founder & Lead Backend Engineer**
Python (Flask), React, PostgreSQL, Docker Compose, Nginx, Stripe, Gemini AI
 - Architected a containerized microservices platform for AI resume analysis, integrating Gemini AI for document parsing and custom interview question generation.
 - Implemented secure Google SSO/password authentication, PostgreSQL schema design, Stripe webhook subscriptions, and Nginx reverse proxy infrastructure.
- 2025 – Present
OrobYTE IT
- RCalculator — Full-Stack Engineer (BCIT Capstone Score >95%)**
Node.js, Express.js, MongoDB, EJS, Tailwind CSS, Gemini API
 - Engineered a dynamic financial scenario modeling platform, integrating Google Gemini API for personalized AI investment guidance.
 - Designed secure authentication with session management and Joi data validation, achieving top academic recognition (>95% score).
- 2025
GitHub Repo

EDUCATION

- Diploma in Computer Systems Technology (CST)**
British Columbia Institute of Technology (BCIT)
- Jan 2025 – Present
Burnaby, BC
- Certificate in Business Management**
British Columbia Institute of Technology (BCIT)
- Sep 2018 – Apr 2020
Vancouver, BC
- Certificate in Customer Service Co-op**
Greystone College
- Oct 2017 – Sep 2018
Vancouver, BC

TECHNICAL SKILLS

- AI & Agentic Systems:** Model Context Protocol (MCP), Agentic Workflows, Gemini AI API, LLM Orchestration, Prompt Engineering
- Cloud & DevOps:** Google Cloud Platform (GCP Certified), Kubernetes (GKE), Docker, Docker Compose, Terraform, Helm, Linux, Nginx, CI/CD (GitHub Actions)
- Languages & Full-Stack:** Python (Flask, Django), Bash, SQL, JavaScript, Node.js, Express.js, React, REST APIs, PHP, HTML/CSS
- Observability & Databases:** Prometheus, Grafana, ELK Stack (Elasticsearch, Logstash, Kibana), PostgreSQL, MongoDB, MySQL
- Developer Tools & AI Tooling:** Git, CodeRabbit (CI Review), Claude Code, Codex, Antigravity, Jira, Zendesk, System Hardening, Process Automation