

AGUSTÍN AGUILERA CONTI

Cloud Engineer – AI Orchestrator Team | AWS, Linux, Kubernetes, DevOps, IaC

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📍 Río Cuarto, Córdoba, Argentina (Remote)

PROFESSIONAL SUMMARY

- Telecommunications Engineer and Cloud Engineer with hands-on ownership of mission-critical AWS/Linux infrastructure across production and development environments.
- Currently building and operating cloud infrastructure for AI-driven backend services, applying DevOps and SRE practices to ensure reliability, resilience, and scalability at scale.
- Experienced in IaC and configuration management (Terraform, Puppet), incident response, on-call ownership, and cross-team collaboration throughout the full development pipeline.
- Skilled in Bash and Python scripting with a consistent focus on automating operational processes and reducing manual toil.
- Recognized for delivering high-quality solutions, driving cross-team collaboration, and maintaining clear communication with stakeholders and leadership.

PROFESSIONAL EXPERIENCE

Cloud Engineer – AI Orchestrator Team

Avature S.R.L.

📅 Mar 2026 – Present | Remote

- Own and operate the cloud infrastructure supporting AI-driven backend services in production.
- Build and automate cloud environments across development and production using IaC and configuration management principles.
- Ensure availability and resilience of Linux-based infrastructure, responding to incidents and participating in on-call rotations.
- Collaborate with engineers across multiple specializations throughout the full development pipeline.
- Manage Kubernetes infrastructure that hosts all service deployments, ensuring stable and reliable rollouts across environments.
- Apply DevOps and SRE practices to keep complex, AI-focused systems reliable at scale.

Cloud Engineer – Cloud Operations Team

Avature S.R.L.

📅 Mar 2024 – Mar 2026 | Remote

- Managed and monitored production infrastructure in AWS and Linux environments to ensure availability and performance.
- Automated operational processes using Terraform, Puppet, and Bash/Python scripting, significantly reducing critical task execution times.
- Addressed and resolved critical incidents during on-call shifts, responding to alerts generated in Splunk.
- Coordinated operational tasks and led technical onboarding processes in English for new team members.
- Authored and maintained documentation to optimize incident resolution and address large-scale data location issues in S3.
- Recognized as a technical referent within the Cloud Operations team, supporting peers and other teams in planning, troubleshooting, and decision-making for high-impact cases.
- Led long-running and highly complex operational initiatives (e.g., S3 data location, bucket housekeeping, node reboot strategies, alerting improvements), ensuring continuity, documentation, and stakeholder alignment.
- Designed and implemented an alert analysis and optimization framework that reduced unnecessary noise during on-call rotations, improving team efficiency and quality of life.
- Demonstrated full autonomy in organizing and executing critical tasks while proactively communicating progress to leadership and stakeholders.
- Drove cross-team collaboration, regularly assisting other areas and participating in weekend labor to unblock processes and accelerate delivery.

- Delivered consistently high-quality solutions with an “extra mile” approach, including automation scripts, internal tooling, and improved procedures adopted by the wider team.

Infrastructure Implementation for Machine Learning (Internship)

[Universidad Nacional de Río Cuarto](#)

📅 Sep 2023 – Dec 2023 | Remote

- Deployed a Kubernetes cluster and Kubeflow platform to centralize and optimize compute resources for data science projects.
- Developed reusable configurations with Ansible, ensuring scalability and reproducibility.
- Resolved compatibility and dependency issues in Linux environments to guarantee stable and production-ready setups.

EDUCATION

Bachelor's Degree in Telecommunications Engineering

[Universidad Nacional de Río Cuarto](#)

📅 2017 – 2023

📍 GPA: 8.07/10 (US GPA: 3.64)

High School Diploma (Business Administration & Non-profit Organizations)

[Colegio Hispano Argentino](#)

📅 2011 – 2016

📍 GPA: 8.86

ADDITIONAL TRAINING & CERTIFICATIONS

- AWS Cloud Quest: Cloud Practitioner – Amazon Web Services (2024)
- Data Analysis with Python – IEEE ITBA (2022)
- Teaching Assistant: Introduction to Python for Telecommunications – UNRC (2022)
- Basic Python Course – UNRC (2021)

TECHNICAL SKILLS

AWS Linux Administration Terraform Puppet Ansible (basic) Docker Kubernetes Helm (learning)
Bash Python MySQL Mosquitto MQTT (basic) RabbitMQ (basic) Grafana (incident analysis) Kibana (log trouble)

SOFT SKILLS

Organization Effective Communication Informal Leadership Process Documentation Analytical Thinking
Problem Solving

PERSONAL PROJECTS

Testing Apps TCP/IP

[GitHub Repo](#)

Final project for the *TCP/IP Applications* course in Telecommunications Engineering. Deployed a hardware store inventory application (developed by a teammate) on Kubernetes and implemented Grafana on K8s for monitoring. Performed performance testing with K6, measured metrics, and analyzed automatic pod scaling to assess system resilience and efficiency.

YOLOv7 Counting

[GitHub Repo](#)

Implementation of an object detection, tracking, and counting system based on YOLOv7. Configured and fine-tuned the model to identify different object classes in images and videos. Adapted the inference pipeline to log and visualize counts in real time, optimizing parameters to improve accuracy in specific scenarios. Focused on applications of automatic counting in video analytics contexts.

LANGUAGES

Spanish
English (B2-C1)



INTERESTS

Gym & Physical Wellness

Technology & Continuous Learning

Networking & Socializing