

LUCAS JEREMIAS FASSI Cloud and Backend Engineer | AWS Infrastructure | Docker | CI/CD Location: Bahia Blanca, Argentina (Remote-ready) Email: jeremiasfassi@gmail.com | Phone: +54 2954 443595 LinkedIn: <https://linkedin.com/in/jeremias-fassi> GitHub: <https://github.com/JereFassi>

**SUMMARY** Cloud and backend engineer with extensive experience designing, deploying, and operating AWS-based infrastructures for web applications and business systems. Hands-on expertise with IAM, EC2, S3, RDS, Lambda, CloudWatch, CodePipeline, Docker, Linux, and shell scripting. Accustomed to admin-level responsibilities across multiple AWS accounts including access management, security hardening, monitoring, cost control, and CI/CD automation. Background as backend developer (Node.js/TypeScript, PHP) and university lecturer. Currently seeking part-time, remote cloud/infrastructure roles focused on AWS administration, DevOps support, infrastructure maintenance, and automation.

**CORE COMPETENCIES** Cloud and Infrastructure (AWS): IAM (users, roles, policies, least privilege), EC2 (provisioning, hardening, backups, SSH access), S3 (buckets, lifecycle, static hosting, backups), RDS (PostgreSQL, MySQL, performance, backups, security), Lambda (serverless tasks, automation, integrations), CloudWatch (logs, metrics, alarms, dashboards), CodeCommit, CodePipeline, Amplify (CI/CD for web apps and APIs), Networking (VPC, subnets, security groups, basic routing)

DevOps and Automation: Docker and Docker Compose (containerization for services), CI/CD design and maintenance, Linux administration (Ubuntu, server hardening, systemd services), Shell scripting, maintenance scripts, cron jobs, Monitoring and alerting, basic logging pipelines

Backend and Databases: Node.js (TypeScript) and PHP for APIs and backends, PostgreSQL, MySQL, UniVerse DB (schema design, queries, migrations), Integrations with external APIs (payments, government services, OTT, etc.)

Other: Git, GitHub, branching workflows, Documentation and knowledge transfer, Teaching and mentoring (university-level courses)

Languages: Spanish (Native), English (Advanced - B2+), Portuguese (Basic)

#### PROFESSIONAL EXPERIENCE EYCON | Cloud and Backend Engineer | 2024-Present

- Architect and manage AWS infrastructure for multiple client projects.
- Administer IAM users/roles/policies and multi-account access.
- Configure and maintain EC2, S3, RDS, Lambda, CloudWatch, CodePipeline.
- Implement and maintain CI/CD pipelines (CodeCommit + CodePipeline) for backend services.
- Monitor systems and optimize performance, addressing incidents related to deployments, networking, and scaling.
- Support backend development in TypeScript (Node.js) and PHP for internal and client solutions.
- Collaborate with teams on security, cost optimization, and infrastructure best practices.

#### Aleator SRL | Senior Developer and Cloud/IT Junior | 2018-2024

- Led development and support of the company's CRM web application.
- Managed AWS cloud infrastructure for the platform, including EC2, S3, RDS and related services.
- Designed and implemented integrations with external systems (AFIP, financial entities, OTT platforms, ISP provisioning APIs).

- Performed migrations from legacy client systems to the new CRM, including data migration and deployment planning.
- Contributed to infrastructure monitoring, backup strategies, and environment configuration.

Fantastic LLC | Cloud Admin (Remote) | 2022-2023

- Administered AWS infrastructure for a SaaS product.
- Managed IAM, EC2, S3, RDS, Amplify, CodeCommit, and pipeline configurations.
- Supported security, networking (VPC, security groups), and logging/monitoring through CloudWatch and Lambdas.
- Participated in the definition of infrastructure standards and deployment practices for the team.

Control Service | Junior Developer | 2012-2018

- Participated in the re-engineering of the company's main management system.
- Migrated legacy Visual Basic + Access application to Java + SQL Server.
- Integrated remote devices and updated reports and documentation.

ACADEMIC EXPERIENCE Lecturer | Technical Degree in Programming | 2025-Present | Universidad Tecnologica Nacional (UTN - FRBB) Courses taught (64 hours each): Arquitectura y Sistemas Operativos, Metodologia de Sistemas II Responsibilities: Design and deliver theoretical and practical content on operating systems, software architecture, Docker, Git, and DevOps practices. Guide student projects and contribute to academic planning and evaluation.

EDUCATION Computer Systems Engineer (MEQ) | Universidad Nacional del Sur | Bahia Blanca, Argentina Final Project (Thesis): "Aulas Sustentables: Automation System based on IoT for the Optimization of Electric Energy." IoT-based classroom automation integrated with cloud services. Award: 3rd place in the "Final Degree Projects" category at CoNalISI 2020 (Congreso Nacional de Ingenieria Informatica - Sistemas de Informacion). Repository: <https://github.com/uns-tesis-fassi-salazar/tesis>

ADDITIONAL TRAINING Fullstack Python (208h) Django Python (208h)

FOCUS FOR PART-TIME ROLES Open to: AWS administration and maintenance (10-20 hours/week), Infrastructure and DevOps support for existing products, CI/CD setup and improvements (CodePipeline, GitHub Actions, etc.), Linux server administration, monitoring, automation, and basic security hardening

KEYWORDS AWS, Cloud Infrastructure, IAM, EC2, S3, RDS, Lambda, CloudWatch, CodePipeline, Amplify, VPC, Security Groups, Docker, Docker Compose, CI/CD, DevOps, Linux Administration, Ubuntu, Shell Scripting, Bash, Monitoring, Automation, Node.js, TypeScript, PHP, Backend, API, PostgreSQL, MySQL, Remote Work, Part-time, Infrastructure Maintenance, Cost Optimization, Server Hardening