

# LUCAS JEREMIAS FASSI

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Cloud & Backend Engineer · AWS Infrastructure · Docker · CI/CD

📍 Bahía Blanca, Argentina · 🌐 Remote-ready

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## Contact

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GitHub: [github.com/JereFassi](https://github.com/JereFassi)

Languages: Spanish (Native) · English (Advanced – B2+) · Portuguese (Basic)


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## Professional Summary

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Cloud and backend engineer with strong experience **designing, deploying, and operating AWS-based infrastructures** for web applications and business systems. Hands-on with IAM, EC2, S3, RDS, Lambda, CloudWatch and CodePipeline, plus Docker, Linux and shell scripting.

Accustomed to **admin-level responsibilities** across multiple AWS accounts: access management, security hardening, monitoring, cost control and CI/CD automation. Background as a backend developer (Node.js/TypeScript, PHP) and university lecturer, which helps to communicate clearly with both technical and non-technical stakeholders.

 **Currently seeking:** Part-time, remote cloud/infrastructure roles (AWS administration, DevOps support, infrastructure maintenance and automation).

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## Core Skills

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### Cloud & Infrastructure (AWS)

- **IAM** · Users, roles, policies, least privilege
- **EC2** · Provisioning, hardening, backups, SSH access
- **S3** · Buckets, lifecycle, static hosting, backups
- **RDS** · PostgreSQL, MySQL; performance basics, backups, security
- **Lambda** · Serverless tasks, automation, integrations
- **CloudWatch** · Logs, metrics, alarms, dashboards

- [CI/CD](#) · CodeCommit, CodePipeline, Amplify (for web apps and APIs)
- [Networking](#) · VPC, subnets, security groups, basic routing

## DevOps & Automation

- [Docker & Docker Compose](#) · Containerization for services
- [CI/CD](#) · Design and maintenance
- [Linux Administration](#) · Ubuntu, server hardening, systemd services
- [Shell Scripting](#) · Maintenance scripts, cron jobs
- [Monitoring & Alerting](#) · Basic logging pipelines

## Backend & Databases

- [Backend](#) · Node.js (TypeScript) and PHP for APIs and backends
- [Databases](#) · PostgreSQL, MySQL, UniVerse DB (schema design, queries, migrations)
- [Integrations](#) · External APIs (payments, government services, OTT, etc.)

## Other

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

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## Professional Experience

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### Cloud & Backend Engineer

EYCON · [eycon.com](https://eycon.com)

 Bahía Blanca, Argentina ·  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

### Senior Developer & Cloud / IT Junior

ALEATOR S.R.L. · [aleator.com.br](https://aleator.com.br)

 Bahía Blanca, Argentina ·  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

## Cloud Admin (Remote)

FANTASTIC LLC · [fantastic.app](https://fantastic.app)

📍 San Francisco, USA (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

## Junior Developer

CONTROL SERVICE · [control-service.com.ar](https://control-service.com.ar)

📍 Bahía Blanca, Argentina · 📅 2012 – 2018

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

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## 🎓 Academic Experience

### Lecturer – Technical Degree in Programming

Universidad Tecnológica Nacional (UTN – FRBB)

📍 Bahía Blanca, Argentina · 📅 2025 – Present

Courses taught (64 hours each):

- Arquitectura y Sistemas Operativos
- Metodología 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
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## Education

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### Computer Systems Engineer (MEQ)

Universidad Nacional del Sur – Bahía Blanca, Argentina  
Computer Science Department



#### Final Project (Thesis):

*"Aulas Sustentables: Automation System based on IoT for the Optimization of Electric Energy"*

- IoT-based classroom automation integrated with cloud services
  - 🏆 **Awarded 3rd place** in the "Final Degree Projects" category at CoNaIISI 2020 (Congreso Nacional de Ingeniería Informática – Sistemas de Información)
  - 📁 **Repository:** [github.com/uns-tesis-fassi-salazar/tesis](https://github.com/uns-tesis-fassi-salazar/tesis)
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### Additional Training

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- Fullstack – Python (208 hours)
  - Django – Python (208 hours)
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### Focus for Part-time Roles

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Open to:

- ☁️ AWS administration and maintenance (10–20 hours/week)
- 🔧 Infrastructure & DevOps support for existing products
- 🔄 CI/CD setup and improvements (CodePipeline, GitHub Actions, etc.)
- 🐧 Linux server administration, monitoring, automation and basic security hardening