

# Ángel Lillo

Computer Engineer · Backend Engineer · AWS Serverless Architecture

## PROFESSIONAL PROFILE

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Computer Engineer focused on backend and AWS cloud architecture for critical systems. I specialize in building event-driven serverless solutions, improving operational resilience, and resolving production incidents with an end-to-end mindset.

## PROFESSIONAL EXPERIENCE

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### Software Developer — Innobyte

#### COPEC FFAA

I contribute to a high-scale system for critical information management.

#### Main contributions

- Backend design and implementation with Node.js in a serverless architecture.
- Orchestration of complex workflows using AWS Step Functions.
- Lambda implementation with robust error handling and retries.
- Integration with SAP (RFC/IDoc/API) and AS400.
- Resilience design with SQS + DLQ.
- Resolution of DynamoDB inconsistencies and duplicated state records.

#### Outcomes

- Resolution of critical production incidents.
- Code quality and technical-debt improvement with SonarQube.
- Active participation in QA, estimations, and technical design.

#### RVA (Red Virtual de Alimentos)

- Mobile development with Flutter.
- REST API integration.
- Functional interface and user-flow implementation.

#### Data Warehouse Subproject

- Data architecture design.
- ETL with AWS Glue.
- Crawler and Data Catalog configuration.
- Analytical querying with Athena.

## TECHNOLOGY STACK

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**Core:** Node.js, C#, AWS Lambda, Step Functions, SQS, DynamoDB, S3, Glue, Athena

**Complementary:** PostgreSQL, Oracle, Angular, Flutter, Django, Docker, Git, Linux/Zsh, SonarQube

## EDUCATION

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**Computer Engineering** — Duoc UC, Puente Alto Campus

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## PROJECT LINKS

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- COPEC FFAA: <https://ffaa.copec.cl/#/login>
- RVA Android: [https://play.google.com/store/apps/details?id=com.Red\\_Virtual\\_Alimento&hl;=es\\_CL](https://play.google.com/store/apps/details?id=com.Red_Virtual_Alimento&hl;=es_CL)
- RVA iOS: <https://apps.apple.com/cl/app/red-de-alimentos/id1497877826>

## CONTACT

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