

# Alonso Gonzalo Valdivia Quispe

Technical Project Manager | Engineering Leader | Solution Architect

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Based in Europe | Open to global relocation

## PROFESSIONAL SUMMARY

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Technical leader and project manager with 7+ years of progressive experience from software engineer to P&L-owning; project manager. Led engineering teams of 5+, managed 15 simultaneous client projects, and turned a services department from financial deficit to +\$60,000 profitability. Expert in solution architecture, process optimization, and stakeholder management across e-commerce, telecom, government, and insurance verticals. Currently operating as independent consultant and co-founding Deeger.io, an Irish startup building open-source infrastructure for AI agent interactions.

## WORK EXPERIENCE

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### Independent Consultant | algova.dev

Remote — Europe | Apr 2025 – Present

- Providing web scraping, data extraction, automation, and Data as a Service to international clients.
- Green Badger (USA): Extracted ~50,000 PDF documents from 2 certification websites, delivering structured data for product compliance tracking.
- Transsa (Chile): Data as a Service for real estate portals — Portal Inmobiliario and Assetplan.
- CityTech: Estela platform installation, spider development, and infrastructure maintenance.
- Built and manage scraping infrastructure independently using Claude Code and Cursor as primary development tools.

### Co-founder & Engineer | Deeger.io

Ireland (Remote) | 2024 – Present

- Co-founded Deeger.io with Breno Colom — building open-source infrastructure for AI agent interactions on the web.
- Designed WAIS (Web Agent Interaction Standard): specification for autonomous agent discovery, authentication (SD-JWT, DPoP), and structured interactions within the MCP ecosystem.
- Built SerpHub (serphub.algova.dev): Google Search results API as a WAIS-compatible reference implementation.
- Developed Google Maps and Shein data extraction services on the Deeger platform.

### Project Manager | Bitmaker

Arequipa, Peru | Jan 2025 – Apr 2025

- Led Professional Services unit turnaround: from financial deficit to profitability for the first time in company history, achieving +\$60,000 in cumulative profit over 6 months managing 15 simultaneous projects with 3 developers.
- Directed cross-functional team of 5, reorganizing workflows, defining ownership boundaries, implementing centralized management model that increased delivery capacity by 200%.
- Established lightweight, high-accountability process framework enabling predictable delivery, accurate estimations, and efficient client communication.

### Business Intelligence Manager | Bitmaker

Arequipa, Peru | Jul 2023 – Jan 2024

- Unified request channels into automated ticket generation system, preventing request loss across departments.
- Launched Bitmaker App: internal KPI dashboard enabling transparent performance visibility without micromangement.
- Initiated competitor analysis and customer contract integration projects, improving departmental KPIs by 15%.

### Solution Architecture Manager | Bitmaker

Arequipa, Peru | Jan 2023 – Jun 2023

- Created standardized specification templates between sales and technical teams, establishing comprehensive process from initiation to completion.
- Instituted KPIs resulting in 70% reduction in delivery times and 56% increase in quality.
- Developed extensive documentation and streamlined onboarding, boosting integration efficiency.

## Project Director — Bitmaker Cloud (Estela) | Bitmaker

Arequipa, Peru | Aug 2021 – Jan 2022

- Developed comprehensive long-term vision, mission, and objectives for Estela as a scalable scraper orchestration platform.
- Implemented financial management strategy reducing project costs by 20% without compromising quality.
- Led team fostering skill development and collaboration, boosting productivity by 15%.

## Technical Lead — Estela | Bitmaker

Arequipa, Peru | Jan 2021 – Jul 2021

- Prioritized functionalities using agile methodologies, achieving 30% increase in project efficiency.
- Reviewed code ensuring high-quality standards, leading to 20% reduction in post-launch bugs.
- Made key technical decisions: transitioning AWS to DigitalOcean reduced infrastructure costs by 50%.

## Software Engineer | Bitmaker

Arequipa, Peru | Jan 2018 – Dec 2020

- Built 35+ production scrapers using Scrapy, Selenium, Playwright for e-commerce, airlines, and government.
- Architected Estela: distributed orchestration platform on Kubernetes with Kafka, Elasticsearch, multi-cloud deployment.
- Automated CI/CD pipelines; containerized services with Docker/Kubernetes.

## Full-Stack Developer | June

San Francisco, USA (Remote) | Oct 2024 – Mar 2025

- Built the MVP for June (tryjune.ai), integrating AI models via Baseten for real-time inference in a React/Next.js application with Python backend.
- Managed deployment on Vercel, shipped continuously in a fast-paced startup environment.

## Cloud Infrastructure & DevOps Manager | LinkBusters

Amsterdam, Netherlands (Remote) | Jan 2022 – Jan 2023

- Managed AWS infrastructure: 60 EC2 servers, 18 ECS clusters, achieving 20% cost reduction through optimization.
- Administered PostgreSQL databases (128GB RAM, 15TB storage), executing critical migrations with minimal downtime.
- Built inter-service communication using SQS and RabbitMQ; integrated CI/CD with CircleCI, AWS CodeDeploy.
- Implemented monitoring, alerting, and observability across distributed infrastructure.

## KEY PROJECTS

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**Estela (Open Source)** — Distributed scraper orchestration platform. Led from inception through multi-cloud deployment.  
[github.com/bitmakerla/estela](https://github.com/bitmakerla/estela)

**Bitmaker App** — Internal KPI dashboard for performance visibility across departments. Eliminated micromanagement culture.

**WAIS** — Web Agent Interaction Standard — Co-designed specification for autonomous agent interactions. [deeger.io/wais](https://deeger.io/wais)

**Spider Factory Agent** — AI-powered scraper generation tool — managed from concept to production delivery.

## TECHNICAL SKILLS

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**Leadership:** Team management (5+ engineers), P&L; ownership, cross-functional coordination, stakeholder management

**Process:** Agile/Scrum, sprint planning, JIRA, KPI design, process optimization, onboarding frameworks

**Architecture:** System design, solution architecture, requirements gathering, technical documentation

**Languages:** Python (7+ years), TypeScript, JavaScript

**Backend:** FastAPI, Django, Flask, Node.js, Celery

**Infrastructure:** Kubernetes, Docker, Terraform, AWS, GCP, DigitalOcean

**Data:** PostgreSQL, MongoDB, Redis, Elasticsearch, Kafka, RabbitMQ

**AI/ML:** LLM integration (Claude, GPT-4), prompt engineering, agent systems

**Tools:** GitHub Actions, GitLab CI/CD, Notion, Claude Code, Cursor

## EDUCATION

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**M.S. Convolutional & Adversarial Neural Networks** | 2023

Focus: ResNet architectures, GANs, Computer Vision

**B.S. Computer Science** | San Pablo Catholic University, Arequipa | 2018

Graduated first in class (Valedictorian), GPA 4.0/4.0

## **ADDITIONAL**

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**Languages:** English (Fluent), Spanish (Native)

**Co-founder:** Deeger.io — Open-source infrastructure for the agentic web (Ireland)