

Andrés Aranda

Tech Lead

Contact

Mobile:

+51-991-099-482

Email:

aaranda@pucp.edu.pe

Portfolio website:

<https://andresaranda.github.io>

Github:

github.com/andresaranda

Address:

Miraflores, Lima, Peru

Soft skills

Organization

Flexibility

Effective communication

Inquisitiveness

Precision and quality focus

Collaboration

Reference

Raul Miranda

Former Head of Applications
and Continuous Improvement
at TASA

+51 943 444 287

Self-taught Tech Lead with 3+ years leading software development across 30+ systems including 6 business-critical platforms at TASA, the world's top fishmeal producer. Entrusted with \$4MM+/year in software operations, delivering complex projects 20% ahead of schedule, cutting error reports by 90%, and reducing critical downtime by 95%. Known for clear technical thinking, ownership of delivery, and strong coordination across teams. Highly organized, detail-oriented, bilingual (English/Spanish), and trusted for high-impact execution.

JavaScript • Python • HTML5/CSS3 • Flask • Agile
React • Node.js • Git • SQL • Azure • LLM
TypeScript • PowerShell

Portfolio highlights (see portfolio here)

- Led the design and delivery of a \$440K/year stock distribution system with three analytics models, managing two senior developers and delivering 20% ahead of schedule.
 - Architected and developed an Online Multiplayer Chess platform with real-time server-client communication using Socket.io and Node.js.
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Education

Pontifical Catholic University of Peru

Bachelor of Science in Civil Engineering

03-2013 - 07-2021 (Top 20th percentile)

Languages

English (bilingual): Lived 7 years in FL, USA

Spanish (bilingual): Native

Work experience

Technical Application Lead

TASA (Grupo Breca) | 03-2024 - Present

- Led multiple development teams, including a core group of up to 4 external developers and additional support teams ensuring high quality deliverables across various applications
- Responsible for a portfolio of 30+ systems (including 21 applications, ERPs, ETLs, and RPAs), managing 6 business-critical platforms that supported core operations across 4 departments
- Successfully led the \$440k Stock Distribution project, delivering 20% ahead of schedule while effectively managing 10+ scope changes without compromising quality or deadline
- Proposed and led an extraction system migration that resolved persistent crashes in a critical database, reducing downtime by over 95% and ensuring operations for 3 key departments
- Reduced Salesforce incidents by over 60% by fixing the root causes of the problems
- Prevented major failure by rerouting a high-volume extraction (130 systems) to a dedicated server, avoiding 16+ hours of downtime on a core database supporting executive dashboards
- Strategically redefined 5+ improvement projects from RPAs to integrated system features and ETLs, reducing estimated maintenance effort by 70% while simplifying delivery
- Proposed and implemented key structural reforms cutting core team workload by 20% and improving delivery timelines by restricting BAUs, enforcing full scoping before acceptance, and introducing QA and leadership roles across 60+ applications
- Stepped in for the business partner role, successfully cutting scope on high-effort requests by 30%, saving weeks of work and significant costs
- Spearheaded architecture for MicroNIR, Stock Distribution, and Asset Traceability systems coordinating cross-functional teams and managing external delivery

Fullstack Developer - Data Analytics Team

TASA (Grupo Breca) | 01-2022 - 03-2024

- Progressed from junior to independently managing all software projects for a \$4MM/year portfolio within a high-performance Center of Excellence team for a billion-dollar global leader
- Led all software development for MIO project (valued at \$500k/year), reducing error reports by 90% and achieving a 95% agile task completion rate
- Delivered a high-complexity project (NIR) where multiple teams and providers had previously failed, building a real-time (<1s) cloud data pipeline from extraction to user interface
- Led an outsourced development team, completing 20% ahead of schedule through Agile practices receiving praise from senior management
- Built an LLM-based AI RAG proof of concept (PoC) app, earning direct praise from the CTO
- Facilitated design thinking workshops achieving 100% user engagement from normally very reserved personnel working alongside a multidisciplinary team
- Delivered internal AI and tech training sessions (50+ attendees) with excellent reviews