

Cristiano Vagos

SOFTWARE ENGINEER



PROFILE

Senior Software Engineer with 9+ years of experience designing and delivering scalable distributed systems in fast-paced product environments. Led cross-functional teams, drove architecture decisions, and improved key business metrics. Passionate about developer experience, clean architecture and pragmatic problem-solving.

TECH STACK SUMMARY

Languages: Kotlin, Go, TypeScript/JavaScript, Java, Python, Scala

Web (freelance): Next.js, Astro, React

Infrastructure: AWS, GCP, Kubernetes, Kafka, RabbitMQ, NATS, Docker

Backend: Spring Boot, Quarkus, Akka, Gin, Koa.js/Express, gRPC

Data: PostgreSQL, MySQL, Google Firestore, Redis

WORK EXPERIENCE

Senior Software Engineer | Oct 2025 — present

Pliant

- Part of the Authentication, Authorization, Workflows & Policies team — critical components of the platform at a fintech that recently surpassed \$100M ARR.
- One of the team's senior engineers, contributing as an individual contributor on security- and compliance-critical systems.

Tech Stack: Java (Spring Boot) • PostgreSQL • Kafka • AWS

Staff Software Engineer | Mar 2024 — Oct 2025 † internal promotion

Wellhub (ex-Gympass)

- Led the Integrations Team, responsible for designing, developing, and maintaining APIs and systems used by partners, ensuring a seamless user experience for wellness activities within the app.
- Primary point of contact for stakeholders, overseeing a team of 6 engineers and ensuring alignment between business needs and technical execution.
- Technical reference for Partner integrations, taking ownership of improvement initiatives, planning system evolution.

Tech Stack: Kotlin (Spring Boot/Quarkus) • Scala (Akka) • Go • TypeScript • PostgreSQL • Kafka • RabbitMQ • Kubernetes • AWS

Senior Software Engineer | Nov 2021 — Mar 2024

Wellhub (ex-Gympass)

- Joined the Check-in and Booking team, taking ownership of company's critical paths. Later, I established and led the Integrations team, overseeing the engineering efforts to drive integration success.
- Developed a custom internal integration platform, replacing a 3rd-party IPaaS. This improved 15% in booking acceptance rates and enhanced observability. The initial pilot release supported over 4k partners, driving more than a third of the company's overall reservations, now scaled to 15k+ partners, handling millions of Bookings/Check-ins.

Tech Stack: Kotlin (Spring Boot/Quarkus) • Scala (Akka) • Go • TypeScript • PostgreSQL • Kafka • RabbitMQ • Kubernetes • AWS

Head of Engineering | Sept 2020 — Oct 2021 † internal promotion

LUGGit

- Optimized logistics operations by developing and implementing several algorithms for fleet management and research & development, improving operational efficiency — goal of collecting luggage in less than 15 minutes.
- Led the Backend team as the core maintainer of cloud-based microservices, ensuring system scalability, reliability, and high performance.

Tech Stack: Go • TypeScript (Koa.js) • gRPC • AWS • Kubernetes • NATS • Google Firestore • Redis

Full Stack Developer | Aug 2019 — Sept 2020

LUGGit

- 1st employee hired by the company, where I developed my Master's thesis on driver fleet optimization, laying the foundation for key product features.
- Maintained and improved the company's backend MVP (using Firebase functions), leading the migration from Google Cloud to AWS and re-architecting the backend to Golang microservices for improved performance and scalability.
- Mentored trainees and junior developers, providing guidance and leadership while also leading the Backend team to deliver high-quality solutions.

Tech Stack: Go • TypeScript (Koa.js) • gRPC • Google Cloud • Kubernetes • Apache Kafka • Google Firebase

Researcher | Jun 2018 — Dec 2018

Instituto de Telecomunicações (Aveiro)

- Analyzed and configured cloud mechanisms (Openstack, Proxmox VE), optimizing resource allocation and ensuring efficient infrastructure management.
- Managed and integrated virtualized resources, streamlining system performance and improving scalability for various projects.
- Performed sysadmin tasks, including installation, configuration, and migration of Linux servers, as well as containerizing microservices using Docker and configuring network equipment.
- Researched and deployed Linux backup systems, ensuring robust data protection and disaster recovery strategies.

Tech Stack: Linux • Docker • Proxmox VE • Ansible • Cisco

Software Developer Intern | Jun 2017 — Sept 2017

Ubiwhere

- Developed an Android app module to retrieve weight data from a scale via RS-232 communication, enabling seamless data integration for a greenfield project.
- Contributed to multiple Backend projects using Node.js, and also developed Java-based app tools to improve internal workflows.

Tech Stack: Angular • JavaScript • Java • Android • Google Firebase • Node.js

EDUCATION

Universidade de Aveiro

MSc in Computer and Telematics Engineering

Externato Dom Fuas Roupinho (Nazaré)

IT Management Technician, Level 4

PUBLICATIONS

Academic Paper: [Fulfilment of last-mile urban logistics for sustainable and inclusive smart cities: a case study conducted in Portugal](#)

International Journal of Logistics Research and Applications, Vol. 27, No. 6, pp. 931–958 — 2022

Master Thesis: [Sistema de correção do posicionamento de condutores em tempo-real \(Real-time Driver Positioning Correction System\)](#)

Universidade de Aveiro — MSc, nota 19/20 — 2019

Talk: [SpatialGuide — guia turístico áudio com som 3D \(Android\)](#)

Encontro da Associação Portuguesa de Engenharia de Áudio (orador convidado) — 2018

LANGUAGES

- **Portuguese** — Native
- **English** — Advanced (full professional)
- **Spanish** — Basic
- **French** — Basic