DIOGO CUNHA

Architect | Engineer | Early stage startup contributor | Growth-Focused Engineer | AI Lead

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SUMMARY

Engineering leader with extensive experience in building scalable platforms, leading high-performance teams and driving technology and product strategy across diverse industries. Expertise in distributed systems, e-commerce, chat systems, payment infrastructure and LLM based AI solutions, working with startups and enterprises through hypergrowth and acquisitions. Passionate about hands-on development, open-source contributions, and user-driven innovation. Remote-first experience across Europe, Middle East, US, and Asia. I learn fast and add significant impact faster.

EXPERIENCE

Qanooni AI, Remote — Engineering Leader

FEB 2025 - PRESENT

- Led major front-end stabilization effort, fixing 30+ UI bugs in the first week and transforming a slow, unreliable interface into a fast, polished user experience praised by customers and internal stakeholders alike.
- Rebuilt the Microsoft Office integration layer with a unified, opinionated API on top of Office.js, reducing integration bugs by 90% and accelerating feature delivery by over 50%.
- Unlocked and shipped a stalled AI contract amendment agent in under 3 months by partnering closely with in-house legal experts; delivered a production-ready MVP in that timeframe after 6+ months of delays, learning Python, prompt engineering and LLMs in the process.
- Designed and launched a multilingual AI contract drafting assistant that generates fully formatted contracts in under 5 minutes, leveraging LLMs (gpt 4.1, gemini 2.5 pro), custom tone matching, historical precedent retrieval, and user-specific styling — including full support for Arabic.

SimpleX Chat, Remote — *Senior Software Engineer*

AUG 2024 - FEB 2025

- Developing privacy-focused, decentralized, end-to-end encrypted messaging competing with Signal.
- Rapidly onboarded into Android (Jetpack Compose), iOS (SwiftUI), and Haskell within the first week, shipping core features.
- Collaborated with the founder to ship a range of key features for hyper growth, including but not limited to "new chat screen", filters for conversations, user picker and multi message forward.

Threads Styling, Remote — *Technical Director*

AUG 2023 - AUG 2024

- Led Engineering, Data, and Product, restructuring teams to increase efficiency and cut operational costs by 50%. Total team size of 20+;
- Automated 50% of manual workflows on purchases and sales, boosting efficiency and enabling scalable growth.
- Co-lead rebuilt e-commerce platform, integrating Shopify and analytics tools to drive a 7x revenue increase target.
- Led, designed and implemented data warehouse migration from AWS to Google BigQuery, cutting costs by 70% compared to provider quotes while ensuring zero downtime.
- Envisioned and delivered total rebuild of the company's payment collection and order management system, aiming to cut time spent in order management operations by +50%

Threads Styling, Remote — Engineering Manager

MAY 2022 - AUG 2023

- Bootstrapped and led a high-performing remote engineering hub in Portugal, achieving 90%+ retention rates and leading to its recognition as the best performing team in just 6 months.
- Led and implemented transition to event-driven microservices (Kafka, Node.js), unlocking scalability and unblocking key product initiatives.
- Launched self-checkout for affiliate shoppers, acting as Product manager and engineering leader, generating $500K+ in revenue.
- Led all efforts to monitor, observe and fix performance issues, achieving 50% reduction on average API wait time by using technology such as Redis

Threads Styling, Remote — Technical Lead

MAY 2020 - MAY 2022

- Pitched to executives, built and launched an inventory management system, driving $32M+ in revenue over four years, with over 99% uptime.
- Integrated fraud detection systems, reducing fraudulent transactions by 99%.
- Rebuilt interview and onboarding process, contributing to a significant increase in engineering team impact in the overall business direction.
- Achieved 95% reduction in shipping and duties cost leakages via establishment of key integrations and creation of internal apis.

Threads Styling, London, UK — Senior Software Engineer

JUN 2018 - MAY 2020

- Led adoption of TypeScript, React, React Native, Node.js, GraphQL, Terraform, AWS and Postgres, optimizing performance and scalability along the way.
- Built an internal content catalog and Content Management System (CMS), boosting sales 3x within a single month while also cutting social media publish and price lookup time by over 80% for the next 6 years.
- Established most actions and best practices for continuous delivery (CD) and integration (CI) that enabled rapid iteration over the next few years

Strata Marketing, Inc (Comcast), London, UK — Technical Lead

MAY 2017 - JUN 2018

- Led front-end development efforts on a team of 7 engineers in the successful development and launch of a new rate engine and forecast module SaSS product for TV advertisement.
- Implemented a series of development programs, including tech talks and coaching sessions, to address identified gaps in coaching and knowledge sharing, enhancing team cohesion and skill transfer.
- Acted as the main influencing voice on front end architecture decisions, by being one of the leaders of this 50+ engineering team architecture committee.

Strata Marketing, Inc (Comcast), London, UK — Senior Software Engineer

JAN 2016 - MAY 2017

- Mastered React and JavaScript, migrating an outdated, 'spreadsheet-like' jQuery system to a modern, React-based grid, significantly boosting system performance and reliability, and enhancing user experience.
- Contributed to and managed the open-source community for the company's React-based grid solution. One of the most utilized npm packages for tabular data rendering with more than 500K monthly downloads.
- Acted as a mentor, guiding members in their technical and professional development, creating a culture of continuous learning and improvement.

Waveform, Braga, PT — Junior Software Engineer

DEC 2014 - JAN 2016

- Led the migration of the company flagship product written in .NET to Microsoft Azure, resulting in lower costs and quicker onboarding of new clients.
- Implemented horizontal scaling of the main product's SQL Server database through sharding, significantly improving system performance and resilience.
- Co-led the planning, execution, and delivery of a complex double-sync solution to ensure compatibility with multiple ERPs and introduce offline support for our SaSS mobile app, showcasing advanced architecture drafting capabilities very early in my career.

SKILLS

Leadership & Strategy

Team Building & Scaling | Engineering Management | Roadmap Execution | OKRs | Agile & Lean | Tech Debt Reduction | Coaching | Delivery management | Product strategy | Product management

Architecture & Systems

Distributed Systems | Microservices | Event-Driven | High-Performance Systems | Reliability & Security | Prompt Engineering | LLMs

Cloud & DevOps

AWS | Google Cloud | CI/CD | GitHub Actions | Terraform | Docker | Workflow Automation | Splunk

Tech stack

Node.js | Kafka | Postgres | Redis | React | React Native | Javascript | Typescript | nestjs | Next.js | graphql | Swift | Kotlin | Python

PUBLIC SPEAKING HIGHLIGHTS & OPEN SOURCE

Event-Driven Systems & Kafka (2022) – Scaling architectures with Avro & TypeScript

Testing React Applications (2019) – Best practices for integration testing

Building Systems with Terraform & Node.js (2018) – AWS infrastructure workshop

Open Source Contributor – Maintainer of popular React grid (500K+ monthly downloads), creator of several open source projects (+500 stars), simpleX chat

EDUCATION

BSc, Computer Science – Universidade do Minho, Portugal (2009 – 2014)

LANGUAGES

Portuguese (Native)**, English** (Fluent)

Available for engineering leadership and hands-on technical roles. Let's connect:
diogofncunha@gmail.com