

Pedro Fernandes

Software Engineer | Full-stack | Backend Systems | Ecommerce & Ads

SKILLS

Languages: JavaScript, Java, Python, SQL

Frameworks: React, Vue, Spring

Tools: Docker, Kubernetes, GitHub Actions, Firebase, Redis

Cloud: AWS (certified), Firebase

Data: Postgres, MongoDB, GraphQL

Certifications: AWS Cloud Practitioner, Shopify Foundations

EXPERIENCE

Upwork (US) – Senior Software Engineer *Oct 2023 – Present*

- Rebuilt high-volume stats service: >99.9% uptime, <0.2% error rate, 100M+ records
- Led several ad product launches: +\$5M annual revenue
- Authored tech design docs, migrated legacy stacks, reduced tech debt

Turbo Partners (BR) – Technical Lead *Jul 2022 – Sep 2023*

- Delivered first commercial Shopify app: unified commerce data + metrics
- Closed international clients (US, Portugal, Uruguay)
- Defined OKRs, KPIs, mentored engineers, led Agile rituals
- Created team learning paths + sponsored certifications

Bliss Apps / J.P. Morgan (PT) – Full Stack Developer *Oct 2022 – Jun 2023*

- Built enterprise portfolio gateway in global distributed team
- Stack: C#, Angular; owned features, ran demos, reviewed code

Prosperi (BR) – Software Developer *Oct 2021 – Oct 2022*

- Led frontend for SaaS campaign planning tool (React, C#, Python)
 - Created shared UI library → 2x dev speed
- Automated translation ops, CI/CD, and test pipelines

Wikisoft (US) – Full Stack Developer *May 2020 – Jun 2021*

- Built social platform frontend (React) + backend wrappers (JS, Python)
- Integrated multiple OAuth2 providers
- Optimized SQL and incorporated user feedback loops

EDUCATION

TU Delft (NL) – BSc Computer Science & Engineering (2018–2021)

- Focus: algorithms, software design, systems

PROJECTS & LINKS

- [Variational Calculus Analysis of the Cycloid Curve](#)
- [Multivariable Exploration of Constrained Optimization](#)
- [Ad Campaign Dashboard](#)
 - Aggregates marketing data (Facebook, Google, TikTok) for Shopify vendors
 - Unified ROI and performance metrics across channels
 - Stack: React, Node, Python, Postgres
 - Goal: SaaS targeting DTC brands, \$49–\$199/mo pricing