Ícaro C. Capobianco

Software Engineer · Framework Author · React & TypeScript

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SUMMARY

Software engineer with 7 years of remote experience building production systems for US clients in TypeScript, React and Next.js. I created the open-source asasvirtuais framework and maintain Guild RPG, a live platform built on it. Top Rated on Upwork with 5,000+ tracked hours.

SOFTWARE I MAINTAIN

asasvirtuais — Open-source framework for React & TypeScript 2025 – Present
github.com/asasvirtuais/asasvirtuais-framework

Guild RPG — Multiplayer AI role-playing platform 2026 – Present
guildrpg.vercel.app · case study: asasvirtuais.dev/never-broke-architecture
Built on asasvirtuais by Claude Code in about ten working days: 240 commits across 19 tables.

EXPERIENCE

Senior Full-Stack Engineer · Startup Labs Jul 2026 – Present

- Full-stack architecture and development for early-stage B2B SaaS products in Next.js, React and TypeScript; established the architecture and API boundaries and built an operational ledger dashboard from scratch.

Freelance Full-Stack Engineer · Self-employed Jan 2024 – 2025

- **CertWorld**, online courses platform: sole engineer from spec to production. Lessons, exams, payments and authentication with Next.js, Airtable, Stripe and Auth0. Rated 5.0.
- 8 Upwork contracts (avg. 4.8/5): integrations, database apps and portals for US clients.

Web Developer · The Get Smart Group — US, Remote Feb 2020 – Jun 2023

- Led the frontend migration from PHP/jQuery to React and TypeScript.
- Built the **Latham Pools** lead-qualification tool (React, GraphQL, Airtable), live for one of the largest pool manufacturers in the US.
- Dozens of WordPress plugins, product configurators and POS integrations contributing to six-figure client revenue; automated deployment pipelines.

Developer Advocate · SDK Co — US, Remote Sep 2021 – Feb 2022

- Technical documentation, developer onboarding and blockchain integration research.

Web Developer · Expert Ready — US, Remote Mar 2019 – Feb 2020

- WordPress themes and PHP plugins with Bootstrap, jQuery and event sourcing.

SKILLS

Programming: TypeScript, JavaScript, Python, PHP
Frontend: React, Next.js, Mantine, Chakra UI, Tailwind CSS, Zod
Backend & data: Node.js, REST, GraphQL, PostgreSQL, MySQL, MongoDB, Firestore, Airtable, IndexedDB, Prisma, Stripe, Auth0
Cloud & tools: Vercel, AWS, GCP, Fly.io, Docker, Linux, Git, GitHub Actions, Claude Code
Languages: Portuguese (native), English (fluent)

INDEPENDENT STUDY

Implemented the OPAQUE password-authenticated key exchange and OAuth 2.0 flows from scratch; functional programming in TypeScript.