

Luka Petrovic

Senior Full-Stack Engineer · React, React Native, TypeScript · AI-native workflow

Grottammare, Italy · remote ciao@lukapetro.com linkedin.com/in/lukapetro github.com/Lukapetro

About

I'm a software engineer from Italy with more than ten years in the job. I started in testing and consulting in Milan, moved to React and React Native, and for the last six years I've worked as a senior on products for banking, betting, fashion, crypto, gaming and sport. Bitfinex, FACEIT, Illimity, Sisal, Gucci and Prada are some of them.

What I like most is owning a product end to end: database, APIs, web app, mobile app, release on the stores. I've done it in teams of ten and as the only developer on the project, and I hold myself to the same standard either way.

Since 2025 I've built software with AI agents every day. I write the spec, agents write the code, and tests and review agents in CI check it before I look at it. It makes me a lot faster, and it's a way of working I can bring into a team without breaking how the team already works.

Skills	Frontend	React, Next.js (App Router, Server Components), TypeScript, Tailwind CSS, shadcn/ui, TanStack Query, React Hook Form, Zod, Redux, Zustand, Jotai
	Mobile	React Native, Expo and EAS, native modules on iOS and Android, React Native for Web, releases on App Store and Play Store
	Backend	Node.js, Bun, REST, tRPC, Convex, PostgreSQL, Drizzle, Prisma, MongoDB, Redis, Java and Spring Boot
	Infrastructure	Vercel, Cloudflare, Docker, Azure DevOps, GitHub Actions, Turborepo and pnpm monorepos, Lerna, Auth0, Clerk, Sentry, PostHog
	AI engineering	Spec-driven development, Claude Code, custom MCP servers, multi-agent workflows, evals, review agents in CI, Vercel AI SDK
	Testing	Unit, integration and end-to-end tests with Vitest, Jest, Playwright and Selenium
	Ways of working	Agile and Scrum, code review, CI/CD, mentoring, working directly with product and design

Client work

Freelance and consulting, directly and through firms such as K2, Netguru, Proxify and BeConcept.

Banca Sella

React Native developer

Mobile developer in a team of about ten people, on the React Native app Banca Sella's customers use every day for accounts, cards and payments. I built new features end to end and fixed bugs on iOS and Android, in Scrum sprints with the bank's product team.

React Native · TypeScript · iOS · Android

Illimity Bank

Senior React Native developer

Illimity is an Italian digital bank. I turned its app into a multi-tenant platform: one codebase, with each brand getting its own screens where it needs them. I shared components between mobile and web with React Native for Web, cut load times, and built the CI/CD pipeline and the unit, integration and end-to-end tests.

React Native · React Native for Web · TypeScript · CI/CD

Prada · via Accenture

Frontend developer

In an Accenture team of about ten developers, I worked on Prada's web application and on the internal tools the company's teams use day to day. Feature development, bug fixing and code review, in an agile setup with the client's product people.

React · TypeScript

Fibr · via Netguru

Sole mobile engineer

Fibr is a careers platform for the fitness industry. Their app was written in plain JavaScript and hard to maintain. I rewrote it from scratch in TypeScript and Expo and shipped Fibr 2.0 on iOS and Android in four months.

React Native · Expo · TypeScript

Sisal

Senior software engineer

Sisal is one of Italy's biggest gaming and betting operators. I worked on the frontend, a large React monorepo managed with Lerna. I introduced Zustand for state management, which the team then adopted, pushed the move to TypeScript and wrote a lot of tests.

React · TypeScript · Zustand · Lerna

Gucci

Senior full-stack developer

PLP is the internal tool Gucci uses to print product labels, customised by store, region and product. I led the backend in Java and Spring Boot and its REST APIs, built features on the React frontend and coordinated a small team of developers.

Java · Spring Boot · REST · React

Diffusion.io · Rug.ai

Senior frontend engineer

Rug.ai gives crypto traders blockchain and token data, so they can check a token before they buy it. I built the frontend in React, Tailwind and Jotai: wallet connection for several wallets, a token swap that runs on live chain data, and token pages that update in real time.

React · Tailwind · Jotai · ethers.js · wagmi

Playtomic

Senior software engineer

Playtomic is the booking platform for padel and tennis, used today by millions of players in thousands of clubs. I worked on its three apps, the one for players, the one for club managers and the back office: new features, bug fixes and tests, in a cross-functional agile team.

React · TypeScript · Redux · Styled Components

BeConcept Studio

Senior software engineer

BeConcept is a digital studio. I built e-commerce sites and custom platforms for its clients, React on the frontend and Node.js for APIs and backends, and took them all the way to production, deploy and monitoring included.

React · TypeScript · Node.js

Twin Yield

Full-stack developer

Twin Yield wanted to know which eToro traders were worth copying. I built the tool that answered it: a scraper that collected the traders' data and an algorithm that ranked them, used to improve client portfolios. I chose the stack and did all of it, the backend, the frontend, CI/CD and the maintenance after launch.

Node.js · MongoDB · React · TypeScript

Employment

Bitfinex

Nov 2023 – Dec 2024

Senior software engineer, mobile · remote

Bitfinex is one of the oldest crypto exchanges. I was in the mobile team, on the trading app: React Native with native modules for iOS and Android, Redux for state. I took features from the first design to the release, working every day with designers, product managers and backend developers.

ESL FACEIT Group

Apr 2022 – May 2023

Senior software engineer · remote

FACEIT is the competitive gaming platform for games like Counter-Strike, with millions of players. I worked on its mobile app in React Native, TypeScript and Redux: new features, tests and bug fixing, in a remote agile team.

Amaris Experienced consultant · Milan Amaris is an international consulting firm. I worked on client projects in React, React Native, Node.js and Java with Spring. This is where I started leading: I assigned tasks and reviewed code for small teams, and coached junior developers.	2019 – 2022
Capgemini Analyst consultant · Milan My first job. Test automation with Selenium and small tools in Node.js, across unit, regression, integration, API and UI tests. It's where I learned to care about tests, and I still do.	2016 – 2019

Own products

Dashi · dashi.gg An exchange for trading cards. You deposit your cards once, trade them instantly with no shipping in between, and withdraw them when you want. It's a joint venture with Mirmex, one of the biggest trading card retailers in Italy. I built the whole platform by myself: six apps in one monorepo, the exchange in Next.js 16, the operations dashboard for the staff, the Expo mobile app, a price tracker and a label print server, all on Convex. The deposit flow covers everything from card intake and grading to custody, for single cards and bulk lots of thousands. More than 40,000 cards are in custody. Next.js · Expo · Convex · Bun · Turborepo · Clerk · Stripe · Vercel AI SDK · Sentry
Stockroom · stockroom.gg Inventory software for card shops, live in alpha. You run a pile of cards through an office scanner and it recognises each one, down to edition, language and exact version. Local OCR first, then embeddings, and an LLM only for the cards the first two can't solve, so a scan costs close to nothing. It reuses the recognition pipeline I first built for Dashi. Next.js · Postgres with pgvector · Drizzle · Better Auth
Itaca Open source, local first, no cloud and no telemetry. A registry of all my projects with stack, services and status, that coding agents read through an MCP server instead of exploring every repo from scratch.
onlyfarms.xyz A tracker for crypto airdrop farming, where users followed projects and completed tasks to qualify for airdrops. 2,000 active users in the first month. Next.js · tRPC · Prisma · NextAuth

Education	Computer Engineering Università Politecnica delle Marche, Ancona · Erasmus in Barcelona	2012 – 2016
Languages	Italian, Serbian and Croatian native · English fluent · Spanish intermediate	