

COSMIN-CRISTIAN OROS

Senior Full-Stack Engineer | AI & Product Engineer | Founder

Remote — Romania (EU) | +40 754 622 908 | cosminorosdev@gmail.com
linkedin.com/in/oros-cosmin | github.com/cosmin-oros | spec24.dev | cosmin-oros-dev.vercel.app

PROFESSIONAL SUMMARY

Senior Full-Stack Engineer and startup founder with 5+ years of experience and 15+ production products shipped across web and mobile. Specialized in B2B SaaS platforms, production-grade AI pipelines (OpenAI, LLM document extraction, automated content generation), and cross-platform mobile applications with React Native. Founder of SPEC24, an AI-powered SaaS, owning the full product lifecycle from software architecture through product-market fit, marketing, and sales. Core stack: TypeScript, Next.js, React, React Native, Node.js, Firebase, OpenAI API.

CORE COMPETENCIES

Programming Languages: TypeScript, JavaScript, Python, Kotlin, Java, Dart, SQL, C/C++

Frontend: React, Next.js (App Router, SSR), Tailwind CSS, Redux, Zustand, MobX, Vite, Framer Motion, GSAP, responsive UI/UX

Mobile: React Native, Expo, Flutter, Android, Jetpack Compose, ARCore, Tamagui, offline-first architecture, push notifications, digital signature capture

Backend & Databases: Node.js, Express.js, Flask, REST APIs, GraphQL, Firebase (Firestore, Auth, Cloud Functions), PostgreSQL, MongoDB, SQLite

AI & LLM Engineering: OpenAI API, LLM document extraction (PDF to structured data), AI content generation, machine translation pipelines, deduplication algorithms, AI triage & classification, prompt engineering

Cloud & DevOps: AWS (Cognito, Elasticsearch), Vercel, Docker, CI/CD, GitHub Actions, Git, Sentry monitoring

Integrations: LexOffice invoicing API, Microsoft Graph, Amazon Cognito, Elasticsearch, Leaflet, Recharts, Schema.org structured data, hreflang / international SEO

Architecture & Practices: Multitenant architecture, role-based access control (RBAC), state machines, scalable system design, Playwright E2E testing, Jest, JUnit, TDD, Agile, Scrum, MVVM

PROFESSIONAL EXPERIENCE

Software Engineer — GAIM Solutions

Jun 2024 – Present

AI software agency, Munich, Germany (Remote) — B2B SaaS platforms and AI pipelines for the German market

- Engineered Alltagshelden24, a 3-application ecosystem for home-care providers (admin platform, client portal, React Native caregiver app) implementing 4-tier health-insurer budget billing with automatic allocation and insurer-compliant invoice generation via LexOffice API — digitalizing the entire workflow from scheduling to invoicing (Next.js, React Native, Expo, Firebase, TypeScript).
- Built offline-capable mobile documentation with digital signature capture and conflict-detecting staff scheduling across multiple care regions.
- Architected Moxios, an AI-powered multitenant platform running 25+ local event & news portals on a single codebase with complete per-domain data isolation; AI layer generates and translates content into 8 languages; two-pass deduplication algorithm; dynamic Schema.org, hreflang, and per-domain sitemaps delivering thousands of impressions and clicks monthly (Next.js, OpenAI, Firebase).
- Developed TenderHub, a public-tender lifecycle platform with a 16-status state machine, AI document extraction from PDFs via OpenAI, Microsoft Graph e-mail sync per project, role- and region-scoped RBAC, and Playwright end-to-end test coverage (Next.js, Firebase, Zustand).
- Built Submissionstool, an AI tender-analysis tool extracting structured pricing data from unstructured PDF bids, with Leaflet geographic price-distribution maps, Recharts comparison dashboards, and centralized bidder / contracting-authority databases.
- Delivered JobNinja Mobile, a cross-platform React Native / Expo job-search app (iOS + Android from one codebase) with Amazon Cognito multi-provider authentication (e-mail, Google, Apple, Facebook), Amazon Elasticsearch-powered search, 24+ API endpoints, in-app applications, and push notifications.

Co-Founder — SPEC24

Mar 2026 – Present

AI client hub SaaS for small agencies and freelancers (Remote) — spec24.dev

- Founded and built an AI-powered client management platform that converts scattered client requests into organized, actionable specifications on the team board — including branded client portals, AI translation across any language pair, smart categorization, and automated triage.
- Own the complete business: product architecture and engineering (Next.js, TypeScript, Firebase, OpenAI), positioning, flat-rate pricing model, product-market fit validation, marketing, and sales.
- Launched a founding-member program; listed on Product Hunt, Peerlist, and Fazier. Y Combinator Startup School participant (2026).

Freelance Full-Stack Engineer — B2B SaaS Product Specialist **Oct 2023 – Present**

Independent (Remote) — end-to-end product delivery for web and mobile clients

- Built and maintain Judo Planner (judoplanner.ro, judoplanner.com), a competition-management platform digitalizing the entire competition organization process with real-time data management (Next.js, TypeScript, Firebase).
- Developed Judo Mastery, a gamified judo-learning mobile app with Express.js backend API, Firebase realtime data, authentication, and progress tracking (React Native).
- Delivered community platforms for judo clubs across three countries: Romania, Italy (judosakurarimini.com), and Vietnam (judodan-danang.com).
- Developed an immersive AR Android application for architectural visualization with geolocation services (Kotlin, ARCore, Jetpack Compose, MVVM) for CityLayer Timișoara.

Mobile Software Developer — [e-spres-oh] **Apr 2023 – Oct 2023**

Timișoara, Romania — internship following Liga AC LABS React Native program

- Developed Enfineo, a financial-management mobile application: React Native, TypeScript, Redux state management, and Sentry production error monitoring in an agile banking-solutions team.
- Built Fit Panda fitness app during Liga AC LABS (React Native, TypeScript, MobX).

Software Development Intern (5G Mobile App) — Nokia **Jun 2023 – Jul 2023**

- Developed an Android app in Kotlin comparing 5G vs 4G network performance with speed-testing algorithms and real-time data visualization.

Mobile Developer — Google Developer Student Club, Politehnica Timișoara **Nov 2022 – Jun 2023**

- Built multiple mobile applications with Flutter and Dart; ran workshops and mentored junior developers.

Software Development Intern — Continental **Oct 2022 – May 2023**

- Embedded C development for automotive systems; Python automation scripts for testing and quality assurance.

EDUCATION & CERTIFICATIONS

B.Eng. Computer Science & Information Technology — Politehnica University Timișoara, Romania (2021 – 2025)
Y Combinator Startup School — Y Combinator (2026)

LANGUAGES

Romanian (Native) | English (Native level) | Italian (B1) | Japanese (JLPT N5)