

DENIS IRKHIN

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SENIOR FULL STACK DEVELOPER

PROFESSIONAL SUMMARY

Senior Full-Stack Developer with 7 years shipping production web and mobile applications across SaaS, healthcare, and communications, using TypeScript, React, React Native, Next.js, Node.js, and AWS. Cut a production build pipeline 75% (45s to 10s), reduced app bundle size 50%, and scaled an Angular platform to 30,000+ monthly active users while mentoring engineers to two promotions. Now building AI features in production — multi-stage LLM pipelines, RAG retrieval over vector search, Azure OpenAI and Anthropic Claude integration, and prompt design — with daily use of AI coding tools (Claude Code, Cursor, Copilot).

SKILLS

Languages: TypeScript, JavaScript, SQL, Python

Frontend: React, React Native, Next.js, Expo, Angular, RxJS, React Query, GraphQL (Apollo), Tailwind CSS, Design Systems

Backend & APIs: Node.js, NestJS, GraphQL, REST APIs, PostgreSQL, MongoDB, WebSockets, WebRTC, Stripe

AI / LLM: Azure OpenAI, OpenAI API, Anthropic Claude API, RAG (Retrieval-Augmented Generation), embeddings, vector databases (Qdrant), prompt engineering, LLM observability, AI coding tools (Claude Code, Cursor, GitHub Copilot)

Cloud & DevOps: AWS (Amplify, Lambda, S3), Azure, Docker, Terraform, CI/CD, GitHub Actions, Playwright

Observability: Datadog, Grafana, Splunk, New Relic

PROFESSIONAL EXPERIENCE

Senior Full-Stack Developer, FlowLinker, flowlinker.ca

Feb 2026 - Present

- Built a multi-stage LLM pipeline that turns sales-call transcripts into structured requirements and solution-fit signals, using RAG retrieval over a Qdrant vector store
- Deployed AI models on Azure OpenAI with automatic OpenAI failover; owned prompt design and LLM observability in Datadog
- Built a Claude-based AI code-review bot on GitHub Actions, plus CI/CD and Playwright end-to-end tests against live meeting bots
- Led frontend modernization to Next.js 16, React 19 and Tailwind v4 with SSR and server actions

Senior Full-Stack Developer, Reppa, reppaapp.com

Apr 2025 - Feb 2026

- Delivered features for a React Native (Expo) app in TypeScript and contributed to Java backend services focused on API optimization
- Built end-to-end test automation; mentored and guided interns

Senior Software Developer, Empego, empego.ca

Oct 2023 - Apr 2024

- Scaled an Angular application to 30,000+ monthly active users
- Cut build times 75% (45s to 10s) and reduced main application size 50% via Next.js CMS integration
- Led OpenAPI type generation from the Java backend to the Angular frontend; introduced Playwright testing and mentored junior developers

Software Developer III, AlleyCorp Nord — Resolve & Reside Health

Feb 2022 - Jul 2023

- Architected a React customer app and Next.js dashboard serving 5,000+ monthly users; cut development time 40% with a design system and achieved 30% faster page loads via React Query caching
- Built Python microservices with Kafka event processing for healthcare CRM integration; reduced authentication errors 70% through Stytn
- Built a React Native (Expo) app rated 4.8/5 on the App Store, raised payment success 25% with multi-account Stripe, and mentored developers to two promotions

Software Developer, GoTo, goto.com

Apr 2019 - Feb 2022

- Built messaging features for web and mobile serving millions of users; added WebSocket real-time updates and offline caching with React Query, and refactored the SDK for cross-platform use
- Built meeting features (web) for millions of users; enhanced WebRTC audio/video and developed RxJS event-driven solutions within an Angular architecture

EDUCATION

- Web Development, DecodeMTL 2019
- Bachelor's in Finance (Honours), Moscow Management Academy 2012
- Master of Business Administration, California State University - East Bay 2006

LANGUAGES English (Professional), French (Professional), Russian (Native)