

Kirill Ter

Full Stack Engineer & AI-Native Engineering

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Objective

Full Stack Engineer / AI-Native Technical Lead with **10+ years building scalable web and mobile** systems. Leads AI-driven engineering workflows — Spec-Driven Development, multi-agent orchestration, AI-assisted code review — from architecture to production, with a track record of cutting delivery cycles 2–3x. Strong foundation in system design, cross-platform architecture, and UI/UX.

Professional Skills

- **AI Engineering & Workflows:** Multi-agent orchestration (Claude Code CLI — orchestrators, subagents, custom skills, MCP integrations), Spec-Driven Development (SDD), AI-assisted code review and quality gates.
- **Leadership & Management:** 3+ years of technical management, strategic planning, project management, and team leading — including onboarding teams to **AI-native development practices**.
- **Technical Expertise:** Proficient in **JS/TypeScript, React/React Native, Node.js/NestJS, REST API, .NET/C#, SQL, PostgreSQL, BFF flow, Redis, Docker, AWS/GCP, CI/CD tools**, and **Android/iOS** development.
- **Methodologies:** Agile, Scrum, Kanban, and waterfall approaches.
- **Problem Solving:** Strong analytical skills with a history of solving complex technical challenges.
- **Team Building:** Experience in mentoring teams, fostering collaboration, and driving innovation.

Professional Experience

Team/Tech Lead | Mizrahi-Tefahot Bank | Matrix, Lod

2026 – present

- Owned **end-to-end architecture** and **AI-driven engineering** strategy for a mobile banking app (React Native) built from scratch, leading a **team of 5**.
- Architected a **multi-agent AI development workflow** (orchestrators, subagents, custom skills, MCP integrations) as the team's default engineering practice.
- Pioneered **Spec-Driven Development** (SDD) as the team's delivery methodology, cutting development time 2–3x while improving code quality and consistency.
- Introduced **Feature-Sliced Design** (FSD) as the core architectural pattern, improving codebase scalability and team velocity. Layered architecture **Client** → **BFF** → **Middleware** → **Core structure**.
- Defined **AI-code review guardrails** for a regulated banking environment, sustaining a 90% PR pass rate without critical comments.
- Partnered with product and business stakeholders on key technical trade-offs and roadmap decisions.
- Tech stack: React Native 0.86, React Compiler, TypeScript, TanStack Query, FSD, Jest, Detox

Senior Frontend Engineer | Code Ocean, Tel Aviv

2025 – 2026 project-based

- Developed and maintained an enterprise-grade **SaaS platform** for **reproducible scientific computations**, serving **1.5M+ researchers** within a React 18 monorepo (50+ shared packages).
- Adopted **AI-assisted development workflows** (LLM coding agents) to accelerate feature delivery and large-scale refactors across the monorepo.
- Enhanced admin panel UX, access control flows, and **AWS Assumable Roles** integration.
- Tech stack: React 18, TypeScript, Redux + Redux-Saga, Styled Components, Docker, AWS, CI/CD automation.

Full Stack Engineer | Shelf Calc Tool — Personal Project

From 2025

- Architected and delivered a production-grade SaaS product for furniture workshops (panel calculations, material planning, cutting layouts) as a solo, AI-orchestrated build.
- Directed an AI-native development process: authored complete technical specifications (Spec-Driven Development) and orchestrated multi-agent AI coding workflows to implement the entire stack, while owning architecture, code quality, and deployment decisions.
- Designed the system architecture from scratch — **CQRS pattern, NestJS + GraphQL + Prisma (PostgreSQL) backend, Next.js 15 + React 19 + Apollo + Tailwind frontend.**
- Enforced SOLID/KISS/YAGNI and a strict git workflow; shipped CI/CD via GitHub Actions with Docker deployment. Jest, Playwright.

Moonsoft Development Ltd, Rehovot

2019 – 2025

- **Full Stack Engineer** | Israel Railways, Lod | 2022 – 2025
 - Led **frontend architecture and system design** for multi-application ecosystem serving **500K+ daily users** across **web (rail.co.il) and mobile platforms** (iOS/Android).
 - Rebuilt and implemented a scalable architecture that utilized **Redux state management (RTK)**, reusable modular components, and **hooks**. This improved support for multiple applications.
 - **Improved interactivity by 30%**, and eliminated rendering bottlenecks through strategic code splitting and lazy loading patterns.
 - Production deployment responsibility. Reduced bundle size by 40%.
 - Worked closely with DevOps on releases, **.NET / C#** development, monitoring, and incident resolution.
 - Tech stack: React, React Native, NextJS, TypeScript, Redux (RTK), REST APIs, CI/CD.
- **Senior Application Engineer** | Isracard, Tel Aviv | 2020 – 12/2020
 - Developed and maintained **web and mobile applications** for business customers.
 - Architected a monorepo structure with shared packages and enforced module boundaries and coding standards across the team.
 - **Contributed to the launch of the “Isracard Businesses” application.**
 - Tech stack: TypeScript, React, React Native, Redux, REST APIs, CI/CD.
- **Senior Application Developer** | Toto/Winner Israel, Petach Tikva | 2019 – 2020
 - Led frontend development of a high-load mobile application built with React Native.
 - Designed and implemented a scalable UI architecture from scratch with strong focus on performance.
 - Worked closely with product and design teams to deliver a responsive, production-grade application.
 - Tech stack: React Native, MobX.

Team Lead | Devalore (Abra), Petach Tikva

2020 – 2022

- Led a team of 4 developers in a Scrum environment, combining hands-on development with mentoring and technical leadership.
- Owned design system and drove key technical decisions across multiple projects.
- Acted as a bridge between developers and business stakeholders, translating business requirements into technical solutions.
- Coordinated planning, estimations, and delivery milestones with the client.
- Tech stack: Jira, ElectronJS, JavaScript, Redux.

Web Developer | Rushmore Marketing Ltd, Tel Aviv

2015 – 2019

- Built and maintained websites, web apps, and mobile interfaces across multiple client projects.
- Translated design mockups into responsive, cross-browser UI with focus on performance and usability.
- Conducted UX audits and iterated on existing interfaces based on user feedback and analytics.
- Collaborated closely with managers, QA, and other developers throughout the full delivery cycle.
- Tech stack: HTML5, CSS3/SASS, Bootstrap, PHP, jQuery, and Laravel.

Education

Holon Institute of Technology (2014 – 2015) — Software Engineering Certification.

Donetsk National University of Economics and Trade, Ukraine (1996 – 2001) — B.A. Economics.