

Tomer Uzan

Senior Software Engineer

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SUMMARY

Ten years in software, the last four and a half on the iTero scanner desktop application at Align Technology, in C# and .NET. What I love most is building new things from scratch: a product or a tool, not a small feature. With Claude Code I automated my full development workflow, so nothing in my job is done by hand anymore.

EXPERIENCE

Software Engineer, Align Technology (iTero) (Petah Tikva, Israel) Apr 2022 - present

- Software engineer on the Lumina team, which builds the software for the new iTero wand. I work daily with the firmware, algorithm and web teams. Rated "Exceeded" in every performance review.
- Created the Scanner Diagnostic Tool (SDT). We had many false RMAs: a wand was taken from the doctor and sent to the lab, and hours later it turned out to be fine. The SDT runs a diagnostic on the wand and tells the doctor whether it needs an RMA, a new cable, or just a restart. False RMAs dropped from 80% to almost 0%.
- Standard Launch: one protocol, with application IDs, for the iTero application to talk to every web page it hosts. I played a key part in moving the older hosted applications to it.
- Automated my full workflow with Claude Code commands and skills: the fix, the tests, Zephyr, the ticket to QA, the custom build and the wiki. Zephyr test cycles are now generated from the test DLLs, not by hand.
- I work a lot with gRPC and XAML. I wrote the Jenkins pipelines, and I own the installers and the Jenkins and Cake build.

Senior Automation Engineer, Align Technology (iTero) (Petah Tikva, Israel) Nov 2021 - Apr 2022

- Joined Align as an automation engineer. After two months I became a software engineer on the Lumina team.

Automation Engineer, Voyager Labs (Hod Hasharon, Israel) Jan 2019 - Nov 2021

- Built all of Voyager's test automation. Before I joined there was none, only manual tests. Within two years we had a full CI/CD pipeline: nightly integration, component and end-to-end tests, and smoke tests in the PR checks.

Automation Engineer, Matrix Jan 2018 - Jan 2019

Test automation engineer, placed at a client company.

QA Engineer, BlazeMeter Jun 2016 - Jun 2017

QA engineer on a SaaS product for load testing.

PROJECTS

Nexus, nexusrealty.app Next.js, Prisma, PostgreSQL, Python, systemd, Vercel Jun 2026 - present

- A CRM for real-estate agents in Israel. I am not just the developer, I am the whole company: legal, DevOps, infrastructure, code, marketing and billing. It started as one repo, which I split into micro repos in a GitHub organization: the CRM (daily Yad2 scraping, exclusivity, one-click CMA reports), a mobile app, a marketing site, ops, an ad studio, docs, and the HQ, where I track every cost and monitor everything.
- Staging and main branches with PR checks, smoke tests and more than 1,000 automated tests in Allure. I work as the architect for Claude: it shows me how it wants to implement, I approve, and it writes the code. 4 months, 366,090 lines, 5,366 commits, and I approved every merge.

Also built .NET 8, Next.js, Prisma, Claude 2026

- A Telegram bot that summarizes my news channels into one message; DriveFlow, an early idea for driving teachers; and Haven, WhatsApp monitoring for parents, not published because WhatsApp's terms do not allow it.

SKILLS

Languages: C#, Java, TypeScript, Python, some C++

.NET: .NET 6 and 8, ASP.NET Core, WPF and MVVM, gRPC, REST APIs, async and multithreading, Entity Framework Core, xUnit

Java and web: Java 17, Spring Boot, JUnit 5, Next.js, React, Node.js, PostgreSQL, SQL Server, MongoDB, Redis, RabbitMQ

Delivery: Jenkins, Cake, InstallShield and MSI, Docker, Kubernetes, AWS, GCP, Azure, Selenium, Playwright, JMeter, Zephyr, Allure, Claude Code

EDUCATION

B.Sc. Computer Science, The College of Management Academic Studies. GPA 85.

Oct 2015 - Oct 2018