

Azimjon Ilkhomov

Software Engineer

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SKILLS / CERTIFICATIONS

- **Programming Languages:** TypeScript/JavaScript, Python, Java, C++, Bash, SQL
- **Technologies:** Angular, React, NgRx, RxJS, Spring Boot, Bootstrap, TailwindCSS, Docker, Express.js, NodeJS, FastAPI
- **AI/LLMs:** Prompt Engineering, LangChain, Claude, ChatGPT, Agent Development
- **Certifications:** AWS Certified Developer – Associate (K8X5RX5BF1111S90)

EXPERIENCE

• Meta

Business Engineer

Jun 2024 - Sep 2025

- Autonomously built 4 critical production features for Business AI Agents in Hack/Python/React within 6 months of joining, enabling the on-schedule launch of the first client. Navigated early-stage product abstractions and integrated partner APIs (Shopify, Zendesk, Orderdesk) to deliver chat history ingestion, order management, and cart functionality despite limited documentation
- Led embedded onboarding and launch of 2 AI Agent clients (Collars & Co, Solgaard Design) out of 10 goaled clients through weekly discovery calls, custom prompt engineering for brand voice/tone, configuration setup, building performance dashboards, and iterating based on client feedback in early-stage product environment
- Served as primary technical contact for Foot Locker to resolve critical performance issue that caused CVR rates to drop drastically overnight. Debugged customer environment to identify root cause within 72 hours (client sending data to wrong datasets), deployed fix within hours to restore performance and prevent continued revenue loss
- Served as primary technical contact to guide Roundel (Target's RMN) through Marketing API onboarding, debugging and resolving complex permissions issues to enable direct platform access. Enabled Roundel to become the first major retail media network leveraging Meta's omnichannel optimization, contributing to 36% YoY growth and \$7M revenue defense
- Developed Lookback Rate diagnostic tool in Events Manager (React/Hack) to identify signal quality issues, enabling advertisers to quickly debug and resolve value optimization problems. Built full stack solution including backend, frontend, and QE setup within 1 month despite no prior experience with the codebase.
- Optimized signal setup quality for 4 major retail clients (Target, Best Buy, Foot Locker, and Victoria's Secret), defending \$26M/year in offline signals and closing \$1.6M/28d in CAPI-Q opportunities by improving EMQ scores from 6.0 to 9.0
- Initiated and led 'Shadow Me' knowledge-sharing sessions (3 sessions) to enable hands-on learning across the team, and served as Bootcamp Guide for new BE hire, creating comprehensive onboarding task suite for streamlined ramp-up

• Fidelity Investments

Senior Full Stack Engineer

Jan 2020 - May 2024

- Built a new order submission ticket using Angular and reactive forms that reduced codebase by 30% while delivering a significantly faster, more reactive interface with real-time input validation and 95% test coverage
- Architected NgRx state management solution that eliminated legacy stability issues, minimized order errors through real-time validation, and enabled rapid feature development without breaking existing functionality
- Built a library of 6+ reusable reactive form controls (number, text, date, single-select, multi-select, range) that reduced feature development time by 50% (2 sprints to 1), enabling 3 squads to deliver offer, street, fill tickets and CUSIP business rule engine
- Refactored 50K+ lines of legacy holdings page codebase from service-based state management to NgRx architecture, eliminating state inconsistencies, improving system stability, and establishing best practices adopted across the team
- Built Java-based code generation tool that converted Excel specifications into executable SQL queries for multi-table data extracts, saving 2 weeks per quarter. Widely adopted across the squad, enabling engineers without deep SQL expertise to generate complex queries while eliminating manual errors
- Led mentorship of 3 mid-level engineers, reducing time to independent contribution to 3 months through hands-on guidance on Angular/NgRx patterns. Developed 4-part video series on NgRx, Reactive Forms, RxJS and Cypress that became standard onboarding material for new team members

PROJECTS

- **ajilk.com** — github.com/ajilk/website
Personal website built with Next.js, shadcn/ui, and Tailwind CSS, hosted via GitHub Pages with custom domain
- **tracked** — tracked.ajilk.com
Cross-platform mobile app (Flutter/Firebase) for real-time inventory tracking of 200+ devices at Brooklyn Studio Secondary School

EDUCATION

- **M.S. in Data Analytics** — Georgia Institute of Technology *Aug 2024 - Present*
- **B.S. in Computer Science, Minor in Psychology** — Brooklyn College *Aug 2016 - Dec 2019*