

# Azimjon Ilkhomov

## Software Engineer

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## SKILLS / CERTIFICATIONS

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- **Programming Languages:** TypeScript/JavaScript, Python, Go, Java, C++, Bash, SQL
- **Technologies:** Angular, React, NgRx, RxJS, Spring, Bootstrap/TailwindCSS, Docker, Express.js
- **Certifications:** AWS Certified Developer – Associate (K8X5RX5BF1111S90)

## EXPERIENCE

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### • Meta

*Business Engineer*

*Jun 2024 - Oct 2025*

- Independently built 4 critical 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 abstractions and integrated partner APIs (Shopify, Zendesk, Orderdesk) for chat history ingestion, order management, and cart functionality despite limited documentation from staff engineers
- Led onboarding and launch of 2 AI Agent clients (Collars & Co, Solgaard Design) out of 10 goaled clients, setting up configurations, building performance dashboards, and gathering client feedback for rapid iteration in early-stage product
- Resolved critical performance issue for Foot Locker that caused CVR rates to drop drastically overnight, identifying root cause within 72 hours where client was sending data to wrong datasets. Fix restored performance within hours, preventing continued revenue loss
- Guided Roundel (Target's RMN) through Marketing API onboarding, resolving 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

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- **ajilk.com** — [github.com/ajilk/website](https://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](https://tracked.ajilk.com)  
Cross-platform mobile app (Flutter/Firebase) for real-time inventory tracking of 200+ devices at Brooklyn Studio Secondary School

## EDUCATION

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- **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*