

Azimjon Ilkhomov

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SKILLS / CERTIFICATIONS

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

EXPERIENCE

- **Fidelity Investments**

Senior Full Stack Engineer

Jan 2020 - Present

- Contribute to the presentation, application, and data tiers of a fixed income trading platform which involved understanding of various technologies such as Apache Kafka, Spring Boot, Oracle SQL, and Angular
- Built a new order submission ticket using Angular that reduced codebase by 30% and improved functionality. Leveraged reactive forms and paradigms to streamline development and wrote comprehensive unit tests to achieve 95% coverage
- Refactored 50K+ lines of legacy codebase to integrate NgRx state management, improving readability and reducing new feature implementation time by 20%
- Generated models and services from API swagger documentation to integrate microservices, cutting development time in half for new API integrations
- Introduced commit message standards and pull request templates, providing clearer insight into bug causes
- Implemented full end-to-end automation using Selenium and Cucumber BDD to spot regressions promptly as well as reduce manual testing effort
- Created SQL script generator tool that automated multi-table data extracts from Excel to SQL, eliminating 2 weeks of manual SQL scripting per quarter

- **New York City Department of Education**

Information Technology Intern

Sep 2018 - Dec 2019

- Managed inventory and maintenance of 200+ technology devices including laptops, desktops, tablets, printers, ipads and smartboards, increasing device uptime
- Designed and implemented a Google Sheets-based ticketing system to track technology issues, reducing resolution time by 20%
- Built mobile application prototype on Android and iOS to allow quick access to device locations and status for the inventory, improving technician efficiency.
- Trained 20+ educators on utilizing technology like smart products and GSuite, formatting training for non-technical staff which led to increased adoption

- **CUNY Tech Prep**

Student, Software Developer

Jun 2019 - Dec 2019

- Selected for highly competitive full stack web development program out of 400+ applicants, completing intensive 500+ hour training.
- Learned in-demand technologies like React, Node + Express and PostgreSQL as well as industry best practices for design, implementation and deployment such as MVC, version control with Git/GitHub, Agile & Scrum with Trello and Slack, test driven development and CI/CD

PROJECTS

- **Tracked** — ajilk.com/tracked

Jun 2019 - Aug 2019

Developed a mobile application (Android/iOS) for New York Department of Education that tracks the location and status of 200+ technology devices at Brooklyn Studio Secondary School. Built using Flutter SDK and Firebase to achieve cross mobile platform compatibility as well as fast user authentication and data retrieval

- **ajilk.com** — github.com/ajilk/ajilk.github.io

Jul 2019 - Present

Built a personal website using modern web technologies (Jekyll). Utilized the Bootstrap framework to achieve modern UI in order to provide meaningful and positive user experience. Hosted via GithubPages using a custom domain

- **foodwaze** — github.com/ajilk/foodwaze

Aug 2019 - Dec 2019

Developed a full stack website with a team of three that allowed users to share when and where there are free/low cost food available around them. Utilized passport.js for user creation/authentication along with PostgreSQL and clouinary for data storage. Express.js and React + Bootstrap was used for the backend and frontend, respectively

EDUCATION

- **B.S. in Computer Science, Minor in Psychology — Brooklyn College**

Aug 2016 - Dec 2019