Azimjon Ilkhomov

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ajilk.com | github.com/ajilk | linkedin.com/in/ajilk

SKILLS / CERTIFICATIONS

- **Programming Languages**: TypeScript/JavaScript, 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

- **Senior Full Stack Engineeer**

  Fidelity Investments   *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

- **IT Intern**

  New York City Department of Education   *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

- **Student, Software Developer**

  CUNY Tech Prep   *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

- **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
- **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
- **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 cloudinary 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*
- **M.S. in Data Analytics — Georgia Institute of Technology**   *Expected Graduation - Fall 2026*