

Amay Kadakia

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EDUCATION

Master of Science in Computer Science
Georgia Institute of Technology
Anticipated Dec. 2026
Specialization: **Computing Systems**

Bachelors of Science in Computer Science
University of Texas at Arlington
Dec. 2022

EXPERIENCE

Fidelity Investments | Jan. 2023 - Present | Westlake, TX

Software Engineer | July. 2024 - Present

- **Facilitated and supported production deployments**, ensuring smooth rollouts and resolving post-installation issues or optimizations.
- **Spearheaded the architectural design and implementation of a scalable Angular application for participant verification, integrating industry best practices in front-end development, component-driven architecture, and performance optimization.** This involved working with signals, data stores, and content libraries, from initial concept and requirements gathering to deployment and post-launch support.
- **Fostered close collaboration with UX designers across the entire development lifecycle to deliver a refined and streamlined participant verification experience.** Collaborative engagement facilitated the preliminary incorporation of user feedback and design tenets. Consistent discourse, ideation, and iterative prototyping expediently addressed usability concerns, culminating in an intuitive, fluid user experience that mitigated impediments and optimized contentment throughout the verification process.
- **Engineered the implementation of a dark theme to significantly enhance accessibility and mitigate eye strain.** Prioritizing inclusive design and user well-being, this dark theme ensures optimal contrast, legible typography, and visual comfort, especially for prolonged use or sensitive eyes. This enhancement broadens appeal and showcases user-centric design

Associate Software Engineer | Jan. 2023 - June. 2024

- Contributed to Agile Angular/Java application development for Fidelity's customer service.
- Implemented E2E and unit tests with Playwright and Jasmine Karma.
- Collaborated cross-functionally, using user feedback to align solutions with business goals.

Amdocs, Inc. - AT&T | Software Engineering Intern | June 2022 - Aug. 2022 | Plano, TX

- Led the creation of a Python Flask web app with CRUD operations using SQLite and SQLAlchemy, showcasing full-stack expertise. Introduced update, delete, and search features, boosting team efficiency by 20% and enhancing data management.

PROJECTS

API Gateway Utility - LEAP | Angular, Node.js, Docker, Jenkins, Express.js | Apr. 2023 - May. 2023

- Led team to develop secure Node.js API for user authentication and Angular UI.
- Streamlined external API testing, reducing time by ~50%.**BinBuddy** | Angular, Ionic Framework, Firebase, MapBox, Microsoft DevOps | Jan. 2022 - Aug. 2022
- Created a cross-platform app using **Angular** and **Ionic framework**, enabling residents to track local garbage trucks
- Integrated **Firebase** for seamless data management and improved user experience

SKILLS & CERTIFICATIONS

Languages and Frameworks: C, C++, Python, Java, HTML, CSS, Flask, Angular, Ionic, React, Junit, NodeJs, typeScript, Jasmine Tests, Jenkins, Docker, Tkinter, LLVM, Jest, Playwright

Tools: Insomnia, Android studio, Drupal, linux, Matlab, MySQL Workbench, Figma, SQLite, SQLAlchemy, Azure, IntelliJ, Eclipse, AWS, SQL Developer, Monorepo, Nx Console

HackerRank: Python (Basics), SQL (Basic & Intermediate).

IBM: Cloud essentials, Working in a Digital World: Professional Skill, Enterprise Design Thinking Practitioner