

# Amay Kadakia

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## EDUCATION

**Master of Science in Computer Science** | Anticipated Dec. 2026

Georgia Institute of Technology

Specialization: **Computing Systems**

**Bachelors of Science in Computer Science** | Dec. 2022

University of Texas at Arlington | GPA: **3.392**

Concentration: **Front-End Development, Software Development, Software Testing and Maintenance, Object-Oriented Software Engineering**

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## EXPERIENCE

**Fidelity Investments** | **Associate Software Engineer** | Jan. 2023 - Present | Westlake, TX

- Collaborated within an Agile Scrum team to deliver a cutting-edge web application using Angular, seamlessly integrating APIs to optimize data management and enhance user experience
- Developed a functional CRUD web app using Angular, integrating APIs for data management
- Implemented E2E tests to ensure application functionality
- Engineered a secure Node.js API for user authentication, fortifying the login mechanism for a critical Fidelity application
- Actively participated in cross-functional collaboration, gathering and advocating user feedback to drive continuous improvement and align technical solutions with business product goals

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

- Spearheaded the development of a Python Flask web application, incorporating comprehensive CRUD functionality using SQLite and SQLAlchemy, demonstrating proficiency in full-stack development
  - Innovatively introduced features such as update, delete, and search, resulting in a remarkable 20% improvement in team efficiency and streamlining data management processes
  - Collaborated seamlessly with the IT team to successfully deploy the web app on a company server, facilitating widespread utilization and enhancing overall organizational workflows
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## PROJECTS

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

- Led a team of fellow developers to build an internal tool to test external APIs protected by delegated access patterns
- Developed a functioning API utility and an UI to call the utility
- Streamlines external API testing capabilities, reduces testing 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 on trash pick-up days
  - Implemented features such as vehicle tracking, ETA notifications, and proper disposal guidelines
  - Integrated **Firebase** for seamless data management and improved user experience
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## SKILLS & CERTIFICATIONS

**Languages and Frameworks:** C, C++, Python, Java, HTML, CSS, Flask, Angular, Ionic, React, Junit, NodeJs, TypeScript, Jasmine Tests, Jenkins, Docker.

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

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

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