

# Amay Kadakia

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## EDUCATION

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

University of Texas at Arlington | GPA: **3.5**

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

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## EXPERIENCE

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

- Designed and developed a functional CRUD web application using **Python Flask, SQLite, and SQLAlchemy**.
- Incorporated features like update, delete and search, to increase efficiency of the team by 20%.
- Communicated with the IT team to deploy the web application on a server for company wide use.

**IBM Good Tech Scholars Program** | Participant | June 2021 - Aug. 2021

- Led my team to achieve 3<sup>rd</sup> place, by designing and developing a working IOS application to help reduce the users' electricity bills by providing honest recommendations about their HVAC usage.
  - Utilized APIs from companies that manufacture thermostats such as Honeywell.
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## PROJECTS

**BinBuddy** | Angular, Ionic Framework, Firebase, MapBox, Microsoft DevOps | Jan. 2022 - Aug. 2022

- Developed a **cross-platform** application using **Angular** with **Ionic framework**, to help residents track their local garbage truck on their trash pick up days.
- Implemented features like: Vehicle tracking, ETA Notifications, proper disposal methods.
- Integrated the application with **Firebase database management tool**.

**Mavs Abroad** | Drupal, Progressive Web Application | [tinyurl.com/27pxtncy](http://tinyurl.com/27pxtncy) | Aug. 2021 - Dec. 2021

- Collaborated with a team to develop a **Progressive Web Application** using Drupal to be used by UT Arlington's Communications class during their study abroad program in Japan.
- Implemented features like providing an itinerary, emergency contact information, key translations, and a map of Japan.

**FinancialWise** | Java, Firebase, Android | June 2021 - Aug. 2021

- Led a team of students to design and build a completely **functional android application** on **Android Studio** using **Java** with a teak for personal expense management app to follow the 50/30/20 budgeting rule.
- Reminds users to limit their expenditure on "wants," and focus on the "needs and save". Integrated the application with **Firebase database management tool**.
- This helped reduce unnecessary spending by 30%.

**Shell Program** | C | Mar. 2021 - Apr. 2021

- Implemented a **Linux-based shell program** with functionality accepting Linux commands, forking a child process, and running commands until the shell is exited.
  - The shell program was able to respond to commands for listing files in a directory and creating and changing a directory. Additionally, this program forked children processes and executed commands.
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## CERTIFICATIONS & SKILLS

**Languages and Frameworks:** C, C++, Python, Java, HTML, CSS, Flask, Angular, Ionic, React, Junit.

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

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

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