

Amay Kadakia

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EDUCATION

BSc 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**

CERTIFICATIONS & SKILLS

Languages: C (4 years), C++ (4 years), Python (3 years), Java (3 year), HTML (2 year), React (1 year), CSS (1 year), Flask (1 year), Angular (1 year), Ionic (1 year)

Softwares: Android studio, Drupal, linux, Matlab, MySQL Workbench, Figma, SQLite, SQLAlchemy, Azure.

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

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

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.
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PROJECTS

BinBuddy - Garbage truck tracker

- 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 - tinyurl.com/27pxtncy

- 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.

IBM Good Tech Scholars Program

- Led my team to achieve 3rd 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.

FinancialWise - <https://github.com/kadakiaamay02/FinacialWise>

- 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 - <https://github.com/kadakiaamay02/msh-Shell>

- 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.