

SHUBHAM ARYA

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[Website](#) | [App Store](#) | [LinkedIn](#) | [GitHub](#)

Enthusiastic developer who likes to create innovative software solutions with 3 published on the AppStore. With 6-year experience in programming and hunger to learn more, I can overcome any obstacle or bugs.

Technical Skills

Languages- Swift, C, C++, Python, Java, HTML, CSS
Databases- Firebase Firestore, SQL, SQLite
Frameworks- UIKit, CoreData, Cocoa Touch, bootstrap
Software- MySQL Workbench, Wireshark, MS Office

Soft Skills

Attention to details and think critically
Quick learner and diligent worker
Time management and efficiency
Proficient communication and teamwork

Education

The University of Texas at Arlington

August 2018 – May 2022

Bachelor of Science in Computer Science (Senior Year)

- **Current GPA- 3.788/4.0.** Recipient of the Maverick Academic Scholarship from 2018-2022.
- **Relevant Courses-** Discrete Structures and Algorithms, Theoretical CS, Databases, Computer Architecture, Software Engineering, OS, Computer Networks, Artificial Intelligence, Software testing.
- **Projects-** Vending Machine software, Movie Theater Seat Allotment software, Car Rental database, Webserver program, Employees database system, multi-threading Office Hour scheduler.

Projects on App Store

Wallet: Budget Manager

May 2021 – Present

- Complete programmatically designed user interface using UIKit and swift UI frameworks in swift.
- Integrate third party APIs for currency conversions, In-App purchases and use Cloud Kit for iCloud sync.
- Utilize concepts like Notifications and observers, delegates and protocols, and grand central dispatch.

Sortify: Pocket Planner

July 2020 – Present

- Program with UIKit, Widget Kit, Swift UI and other frameworks to accomplish application features.
- Use CoreData to store user's data locally, and Cloud Kit to sync user's data across all their devices.
- Implement third party libraries like Charts for graphs and develop efficient methods for calculations.

Hand Cricket: Cricket at Home

May 2020 – January 2021

- Execute swift programming concepts and design fundamentals for development with UI Storyboards.
- Apply Firebase authentication, database and storage to store and receive user's data for functionality.
- Formulate complex algorithms to calculate user's assets and standing depending on user activity.

Work Experience

University of Texas at Arlington

January 2019 – August 2020

Student Assistant for the User Success Services

- Reviewed research topics and resources to enhance analysis and experimentation for patrons.
- Operated virtual chat support to maximize user satisfaction and maintain smooth functioning.
- Assisted patrons with technological items and software to ensure high productivity among users.