

SHUBHAM ARYA

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

Enthusiastic developer who builds innovative applications that have over 14,000 downloads on the App Store. With inquisitiveness, perseverance, tenacity, and 6-years of experience in coding, I can solve any problem.

Technical Skills

Languages- Swift, C, C++, Python, Java, HTML, CSS
Databases- Firebase Firestore, MySQL, SQLite
Frameworks- UIKit, CoreData, Cloud Kit, Swift UI

Soft Skills

Attention to details and critical thinking
Quick learner and diligent worker
Time management and work efficiency

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-** Algorithms, Theoretical CS, Databases, Computer Architecture, Software Engineering, OS, Computer Networks, Software testing, Artificial Intelligence, and Machine Learning.
- **Projects-** Seat Allotment Software, Rental Database, Webserver program, multi-threading 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 incorporate native APIs.
- Utilize advance concepts like notifications and observers, delegates and protocols, and concurrency.

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 actively synchronize data across all devices.
- Implement third-party libraries like Charts for graphs and develop efficient methods for calculations.

Hand Cricket: Cricket at Home

May 2020 – January 2021

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

Work Experience

UTA Libraries

January 2019 – Present

Creative Assistant for the Studios

- Provide consultation with Adobe Creative Cloud, especially with photo, video, and sound editing.
- Support students with technical devices and personal projects related to hardware and software.
- Assist patrons with technological items lending and troubleshooting software related problems.

Website Development

December 2020 – Present

- Personal website applying concepts from HTML, CSS, and JS and integration with Bootstrap framework.