

SHUBHAM ARYA

Arlington, TX-76013 • 682-216-7780 • thearyashubham@gmail.com

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

Prolific full stack developer who builds innovative apps that have over 15,000 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, more
Tools- GitHub, Xcode, VS Code, Adobe cloud, Junit

Soft Skills

Attention to details and critical thinking
Quick learner and diligent worker
Time management and work efficiency
Strong interpersonal and communication skills

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-** Multi-threading scheduler, Vending Machine Software, Employee and Rental Database with GUI, Webserver Program, Decision Trees, Linear Regression, Neural Networks, Bayes Classifiers.

Projects on App Store

Money-Wise

May 2021 – Present

- Complete programmatically designed interface using UIKit and SwiftUI, and integration with MapKit.
- Integrate third-party APIs for currency conversions, In-App purchases, and incorporate native APIs.
- Optimize performance by using communication patterns, memory management and concurrency.

Sortify: Pocket Planner

July 2020 – Present

- Enhance functionality using WidgetKit, UserNotifications, CoreLocations, and LocalAuthentication.
- Expand usability through CoreData for local storage, and CloudKit to synchronize data across devices.
- Incorporate third-party libraries like Charts for graphing, 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

Student Assistant for the Studios

- Provide consultation with Adobe Creative Cloud, involving edits with photo, video, sound, animation.
- 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

- Portfolio website applying concepts from HTML, CSS, and JS and integration with Bootstrap framework.
- Currently working on a project called Auxilio (marketplace for services) using the MERN Stack.