



Syed Osama Ahmed

Mobile Application Developer

I am a curious and passionate Mobile Application Developer who likes to self-learn and explore new technologies. Hardworking and analytical, I like to read blogs and keep informed about new technological trends and innovations. My current tech stack includes Flutter, Riverpod, and Dart.

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EXPERIENCE

React Native Developer Codistan

07/2022 - 08/2022

Achievements/Tasks

- **Gifted App:** This mobile app was about sending birthday wishes, gifts, see upcoming birthdays through notifications, adding friends using phone numbers, and searching friends through both name and phone numbers.
- Handled screen **navigations** and **nested navigations**.
- Handled **state management**.
- Used **Native Base** and **Typescript** for front end.
- **Gem-mint App:** This iOS mobile app was about raffles (lottery tickets). Users could buy raffles, see their balance, available raffles, and their membership information. Users could also see which raffles they won or lost.
- Worked on **my raffles** and **available raffles** APIs (**Axios**).
- Worked on view **membership** API (**Axios**).
- Worked on **login** and **signup** APIs (**Axios**).
- Designed reset password, forget password, and verification screens (**Native Base** and **Typescript**).

EDUCATION

Bachelor of Computer Science Sir Syed CASE Institute of Technology

08/2017 - 09/2021

Courses

- | | |
|---------------------------------|------------------------------------|
| ◦ Data Structure and Algorithms | ◦ Database Management Systems |
| ◦ Object-oriented Programming | ◦ Software Design and Architecture |

High School, HSSC in Pre-engineering Overseas Pakistani Foundation

08/2015 - 06/2017

High School, SSC in Science Overseas Pakistani Foundation

08/2013 - 04/2015

SKILLS

Dart

Flutter

Riverpod

Sqlite

React Native

JavaScript

Typescript

HTML

CSS

Git

PROJECTS

Smart Water Tank App [🔗](#)

- Worked for a **Smart Net Zero Energy Home startup** to minimize high tariff hours to fill up home water tanks.
- Front end built using **Flutter**.
- Displayed water usage graphs using package **Syncfusion** charts.
- **Water level animations** using realtime sensor data.
- Used Firebase **realtime database**.
- Translated **Figma design** and **user requirements** to app.
- User can set level at which to fill up water otherwise save energy at peak electricity tariff hours.
- **Firebase authentication**.

FYP - Carocity Car Renting Mobile App (React Native)

- Built a car renting app and website where user could choose to rent car based on price, type, and brand. Drivers were rated by users for quality assurance purposes. Front-end built using **React Native** and database using **Firebase**.
- Screen navigation was done using npm package **react-native-router-flux**.
- Displayed static **Google Maps** on screen.
- **image upload** in Firebase.
- A static website was made using **React**, **React Hooks**, and **Bootstrap** (for admin).

Car Renting App (For self-learning) [🔗](#)

- Built using **React Native (front end)** and **Firebase (back end)**.
- **Firebase authentication**.
- **Context API** for **state mangement**.
- **Screen navigation** in React Native.

Reddit Clone (Ongoing) [🔗](#)

- Login in app done using **Google Sign In service** of **Firebase**.
- Screen navigation done using **routermaster** package of **Flutter**.
- State management done using **Riverpod**.

Portfolio Website

- Please click on icon here [🔗](#)

ACHIEVEMENTS

HackerRank Silver Badge in problem solving. [🔗](#)

LANGUAGES

English
Professional Working Proficiency

Urdu
Native or Bilingual Proficiency