

Muhammad Abdul Moeed

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WORK EXPERIENCE

KARTY

May 2024 - Present

*Senior Software Engineer
Doha, Qatar*

- Responsible for development of one of a kind cross platform fintech mobile application in Flutter.

Systems Limited

Dec 2022 – May 2024

*Senior Full Stack development Consultant
Islamabad, Pakistan*

- Responsible for development of digital banking applications, which involves development of cross platform mobile apps and web apps using JS based Kony Framework by **Temenos**.
- Utilization of a middleware known as Fabric, leveraging Java-based integration services powered by Spring Boot. This middleware effectively facilitates the seamless integration of various APIs, encompassing REST, SOAP, and other interfaces.
- Integrating various payment gateways such as Raast, 1Link and other 3rd party providers
- Integrating Hardware based security modules (HSM) for transaction purposes while deploying encryption techniques to secure the data.
- Development of native libraries for android and ios using kotlin and swift for cross platform integrations
- Code reviews and managing team which includes assigning tasks and holding scrum meetings
- Version controlling and release management as well as migrations between various environments
- Being part of internal and external technical meetings and decisions

Mobilink

Feb 2022 – Dec 2022

Assistant Manager Mobile Development

- Responsible for development and deployment of retail banking application from scratch using Flutter
- Crafted the foundational architecture of mobile applications, prioritizing long-term maintainability. Employed a stacked architecture approach integrated with providers to proficiently manage dynamic state changes.
- Utilized Get_it to seamlessly handle dependency injection, strategically implementing the singleton pattern for services. Leveraged the power of dio to adeptly manage HTTP calls, incorporating interceptors for enhanced control and efficient exception handling.
- Integrated Google Maps, Firebase Analytics, FCM and sentry SDK for release management
- Used GIT for version controlling, maintaining various branches for testing, features and deployments
- Integrated Native Kotlin and Swift SDK in Flutter Application using Platform Channel

Ice Fishing Derby

Jan 2021 - Dec 2021

Mobile Application Developer

- Developed Cross Platform Mobile Application in Flutter and Website to handle admin console in ReactJs
- Integrated Stripe payment gateway for payments
- Integrated PUSH Notifications using FCM, Firebase server functions to handle server calls for payment, emails and notifications
- Firebase was used to handle authentication, db and deployment of web application

- Deployment on apple store and playstore
- Setting up CI/CD pipeline for automated build deployment on stores.

EDUCATION

COMSATS Islamabad

2021

BS Software Engineering

Islamabad, Pakistan

- Graduated with 3.57 CGPA and an award for 2nd best final year project
- Core Member of Google Developers Student Club
- Won speed coding competitions

Personal Projects

- **E-Control:** An energy monitoring device developed with the help of ESP32 and SCT-013 to provide users a real-time update of their electricity usage.
- Worked with smart config protocol to connect the hardware to a WiFi Network.
- Setup Web server on the MCU for communication between local device
- Levered multiple cores by tethering routines with various threads
- Integration with various sensors (Digital and Analog)

CERTIFICATIONS, SKILLS & INTERESTS

- **Certifications:** Introduction to Git and Github (Google), Core Member GSDC (Google), Microsoft Office Specialist
- **Skills:** Flutter, Firebase, ReactJs, Svelte, NextJs, Express, NodeJs, Github, Git, Bitbucket, CI/CD, Docker, Stripe, Heroku, Jira, Java, Sql, MongoDB, Express, IoT, Xcode, Android Studio, Riverpods, Svelte, State Management, Architecturing, get_it, stacked, mvvm and mvc.
- **Interests:** Traveling, TV Shows, Sports, Gym and IoT