Muhammad Asad Ullah Tariq

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EDUCATION

FAST National University   **Faisalabad, PK**
Bachelor of Computer Science   *June 2022*

- Got full Scholarship and 3 times awarded as dean list. Won Speed programming competition.

- In my FYP, I engineered a solution for manipulating drone movements via an EEG headset.

SKILLS

Front-End	Back-End	Deployment and Collaboration
React Native, Expo, React, Next JS, Redux, TypeScript, JavaScript, Tailwind CSS, Material UI, HTML, CSS,	Node JS, Express, MongoDB, GraphQL, PostgreSQL, Firebase, SQL, Realm	AWS (EC2, S3,), GitHub, GitHub Actions, DigitalOcean, Nginx

WORK EXPERIENCE

RipeSeed   **Lahore, PK**
Software Engineer and Client Success Manager   *June 2022 – Present 2024*

- Being a client success manager my work revolves around taking discovery calls, gathering project requirements and defining timelines, deliverables, and goals, fostering long-term relationships, and delivering exceptional service.

- Ensured effective communication between the team and client, translating technical specifications to achievable tasks for the developers and making sure the team and the client were all on the same page concerning timeline and goals.

- Delivered multiple front-end and full-stack applications by identifying client and business requirements and software implementation using React Native/expo/Next/Node/AWS, etc.

- Worked on LlamaEdu, a comprehensive college education management system. Implemented chat history and chat streaming features using ChatGPT.

- Worked on PardnerPal as full stack developer, successfully deploying the app to both Google Play and the iOS App Store and deployed in backend on AWS.

- Resolved the issues in Life Hacks App and integrated the google and app store payment integration into the app. App now has **1M+** users.

- Worked on Oonee app as Mobile developer. Implemented the user identification verification using the iDenfy. App have **10k+** user base.

Smart Node   **(Remote), UK**
Junior Full Stack Developer   *December 2021 – April 2022*

- Developed their web application using next.js, mongoose and firebase and deployed and applied SSL certificate using certbot and nginx. The website allows users to check the Annual Percentage Rate (APR) and Annual Percentage Yield (APY) of different coins before staking. The website utilizes open-source technology, PingPub, to securely stake assets.

9melon   **(Remote), UK**
React Native Developer   *November 2020 – January 2021*
Developed front-end applications using React native and used templates for the admin panel and integrated the API's.

Projects

Track your subs is a mobile application developed by me for Ripeseed Company, designed to help users manage their subscriptions and receive notifications before the charge date. Developed using React Native, the app is available on both the Play Store and App Store. For backend support, I used Mongoose, and for local storage and real-time data syncing, I implemented Realm. This technology stack ensures efficient data handling and seamless user experience. Within two weeks of launch, the app garnered over **500 users**, highlighting its utility and popularity.
Technologies: React Native, Node.js,Express, Firebase, xCode ,Android Studio, Mongoose, realm

EtymologyExplorer A mobile app designed to help users explore the origins of words. I developed the daily quiz feature using React Native with Expo, enhancing user engagement by sending daily notifications about the quiz. This integration involved Next.js for the backend in a monorepo architecture, ensuring efficient code management and deployment. Additionally, I integrated subscription services through both the App Store and Google Play Store, enabling seamless user subscription management. I oversaw the release of the app on both iOS and Android platforms, ensuring a smooth and accessible user experience across devices. The app has over **1K active daily users.**
Technologies: Next.js, Node.js, React native, Expo, Postgres

Composetrip A travel management platform using Next.js for the frontend and Node.js for backend operations. Focused on user-friendly design incorporating Material UI and Firebase for secure, easy authentication. Enhanced user support with ChatGPT integration and offered complete travel arrangements through Viator service integration. Managed a Mongoose database to organize trip details. The platform has successfully attracted a considerable user base, with over **4K registered users**, for efficient trip planning.
Technologies: Next.js, Node.js, Material UI, Firebase, ChatGPT, Viator API, Mongoose.

Perla is a comprehensive platform for personalized beauty and wellness services. I developed the backend in Express.js and Node.js, focusing on the payment system using Stripe to ensure secure and seamless transactions. Additionally, I created and integrated custom email templates for various user notifications, enhancing communication efficiency. For the admin dashboard, I designed and implemented the frontend using Next.js, providing a responsive and user-friendly interface for administrators. This integration of technologies optimized both the performance and usability of the platform.
Technologies: Next.js, Node.js, Mongoose, Express

Open source and side projects

- **EV ConnectHub** is a mobile application built in react native, mongoose and firebase. Backend is developed in express and deployed on digital ocean droplets.

- **Sort math** as name indicates app to help children to learn sorting of numbers like primary, natural and other types of numbers. It is developed in react native.

- **LinkApp** is a web and mobile application developed in next.js, react native, firebase and mongoose. Its sole purpose is to manage and store links.

- **Cherish BuZZ** is an event reminder app, developed using React Native, Firebase, and Mongoose. The backend is deployed on Digital Ocean droplets, and Firebase is utilized for authentication.

- **React Native Split Flap** is an NPM package designed for React Native. It's utilized to implement the split flap feature in React Native applications. Currently, it garners **11 weekly** downloads.