Muhammad Asad Ullah Tariq

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Senior Full Stack Engineer with expertise in React, Node.js, React Native and AWS cloud architecture. Proven track record of leading DevOps pipelines, optimizing high-traffic applications (1M+ users), and delivering complex SaaS solutions. Adept at bridging technical specifications with business goals to drive client success.

SKILLS

Front-End	**Back-End**	**Deployment and Collaboration**
React Native, Expo, React, Next JS, TypeScript, JavaScript, Tailwind CSS, Material UI, HTML, CSS,	Node JS, Express, Nest JS MongoDB, GraphQL, PostgreSQL, Firebase, SQL, Realm, Powersync	AWS (EC2, S3,App stream, Redshift,Fsx, IAM Roles,Cross account configuration,), GitHub, GitHub Actions, DigitalOcean, Nginx, Active Directory, Okta

WORK EXPERIENCE

Cinnova Technology   **Lahore, PK**
Senior Software Engineer   *November 2024 – Present*

- Served as **Senior Full Stack Engineer** for the "Coleridge" project, taking full ownership of the **DevOps pipeline** and cloud infrastructure using **AWS (AppStream, FSx, Cross-Account Config)** and Docker.

- Engineered a custom **SSO authentication bridge combining Okta and Active Directory**, enabling automated, permission-based user login flows into virtualized browser environments (AppStream) directly from the Okta dashboard.

- Delivered a robust production-grade application using **React and NestJS**, managing a high-velocity development environment with over **1,500 successful PR mergers** over a 12-month period.

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

- **Managed the full client lifecycle** by leading discovery calls, gathering requirements, and defining clear project roadmaps to ensure deliverables matched business goals.

- **Acted as the primary bridge** between clients and engineering teams, translating complex technical specifications into actionable developer tasks to keep timelines on track.

- **Fostered long-term client partnerships** by delivering exceptional service and ensuring total alignment on project scope, deadlines, and success metrics.

- **Enhanced the LlamaEdu college management platform** by integrating **ChatGPT**, enabling real-time chat streaming and persistent message history to improve user engagement.

- **Led end-to-end development for PardnerPal** handling the AWS backend infrastructure and successfully launching the app to both the Google Play and iOS App Stores.

- **Optimized the Life Hacks App app for over 1 million users**, resolving critical stability issues and integrating seamless in-app payments via Google and Apple Pay.

- **Served as Mobile Developer for Oonee**, securing the platform for a **10,000+ user base** by integrating **iDenfy** for robust identity verification.

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

- **Built and deployed** the SmartNodes staking application using **Next.js and Firebase**, ensuring a secure production environment via **Nginx/Certbot** and integrating **PingPub** to allow users to analyze APR/APY and stake assets safely.

9melon   **(Remote), UK**
React Native Developer   *November 2020 – January 2021*
Built front-end applications using **React Native**, accelerating the delivery of the admin panel by customizing templates and ensuring seamless API integration.

Projects

EtymologyExplorer Developed a word exploration mobile app serving over **1,000 daily active users**. I architected a **Next.js monorepo** backend and built the "Daily Quiz" feature using **React Native and Expo**, driving engagement through automated notifications. Additionally, I successfully monetized the platform by implementing in-app subscriptions and managed the end-to-end release process on both the iOS App Store and Google Play.
Technologies: Next.js, Node.js, React native, Expo, Postgres

Composetrip Built a travel management platform for **4,000+ registered users**, utilizing **Next.js and Material UI** for a polished frontend and **Node.js** for backend operations. I enhanced the user experience by integrating **ChatGPT** for AI support and the **Viator API** for real-time travel bookings, while securing the application with **Firebase Authentication** and managing complex trip data via **Mongoose**.
Technologies: Next.js, Node.js, Material UI, Firebase, ChatGPT, Viator API, Mongoose.

Perla Architected the backend for a personalized beauty and wellness platform using **Express.js and Node.js**, incorporating **Stripe** for secure payment processing and custom email workflows for notifications. I also developed a responsive Admin Dashboard using **Next.js**, providing administrators with an efficient interface to manage services while optimizing the platform's overall performance..
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.

EDUCATION

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

- Got **full Scholarship** and 3 times awarded as **Dean's List**. Won Speed programming competition.

- **Engineered a Brain-Computer Interface (BCI)** for my Final Year Project, successfully building a system to control drone movements using only an **EEG headset**.