Sufyan Saleem

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*Highly motivated **Full Stack Developer** with an **MSc in Computer Science** from UiT and 5+ years of experience specializing in the **MERN stack** and cross-platform mobile development (**React Native/Expo**). I have a proven track record of delivering scalable web and hybrid mobile solutions. Seeking a challenging role to leverage my technical expertise and local academic background in modern development.**For more projects, please visit the portfolio website linked above.***

Experience

Aido AS | **Tromsø, Norway (Hybrid)**

Full Stack Developer | *July 2021 – Present*

- ○ **Growth & Stability:** Promoted to a Full-time role in April 2023 following a successful part-time tenure (since July 2021), demonstrating consistent performance and a deep understanding of the platform.
- ○ **Mobile Leadership & Migration:** Leading the end-to-end development of the core Hybrid Mobile App; spearheaded a strategic migration from a **pure React Native CLI** environment to **Expo** to modernize the stack.
- ○ **DevOps & EAS Integration:** Re-engineered the automated **CI/CD** pipeline, transitioning from a **Bitrise/Bitbucket** workflow to **Expo Application Services (EAS)** for more efficient App Store and Google Play deployments.
- ○ **Web UI Contribution:** Assisted in front-end enhancements for the Management Web Application (**Django**), utilizing **HTML, CSS, and Bootstrap** to refine UI components.
- ○ *Technologies:* React Native CLI, Expo, EAS, Bitbucket, Sentry, Bitrise, Django, HTML/CSS, Bootstrap.

Linknbit | **Remote**

MERN Stack Developer | *Dec 2020 – June 2021*

- ○ **Full-Stack Engineering:** Engineered the **Missoq** e-commerce platform using **TypeScript** across the entire stack, developing a responsive **React** frontend and a scalable **Node.js/Express** REST API.
- ○ **Database design:** Architected a robust **MongoDB** database schema, utilizing TypeScript interfaces to ensure end-to-end type safety and reduce runtime errors.
- ○ **Cloud Deployment** Configured and managed the production environment on **Digital Ocean** for high availability and efficient scaling.
- ○ *Technologies:* React, Context, Node.js, Express, TypeScript, MongoDB, SASS, Digital Ocean.

Decklaration | **Hybrid Pakistan**

MERN Stack Engineer | *Jun – Aug 2020*

- ○ **Agency Development:** Engineered web applications, backend services, and hybrid mobile solutions for a New York-based design agency.

- ○ **Backend & Database Architecture:** Architected the backend for **Medtigo**, implementing secure user data synchronization from **Zoho** using **OAuth 2.0** and Passport.js, while managing an **Amazon SQL Database (RDS)** via **Sequelize** ORM.
- ○ **Frontend Web & Mobile:** Collaborated on the development of the **Medtigo** mobile application in **React Native** and contributed to the **Mertium** fintech web platform, engineering responsive UI components using **React** and **TypeScript**.
- ○ *Technologies:* Node.js, Express, Amazon RDS (SQL), Sequelize, Passport.js, OAuth 2.0, Zoho, Node Mailer, React, React Native CLI, Redux, Typescript, Javascript, HTML, CSS, Less, AWS.

Linknbit   **Onsite**
Software Engineer   *Jan 2019 – May 2020*

- ○ **React Web & Dashboards:** Developed and maintained high-performance **React dashboards** and admin portals for data visualization and internal management, focusing on responsive design and REST API integration.
- ○ **React Native Mobile Development:** Successfully delivered multiple cross-platform applications, including the **Yogurt App**, using **React Native CLI** and **Native Base**.
- ○ **Full-Stack Solutions:** Engineered mobile ecosystems in **Expo** for **Kyla**(Legal), **SmartsAid**(NGO), integrating geolocation and **Firebase** services. Architected a mobile e-commerce solution **Dokkani.co**, building custom bridges between **React Native** and **WordPress/WooCommerce** APIs.
- ○ *Technologies:* Node.js, Express, MongoDB, Dynamo DB, React/React-Native CLI, Redux, Context, Expo, Material UI, Bootstrap, Native Base, Firebase, Rest API, Geolocation, Amazon.

Education

UiT The Arctic University of Norway   **Tromsø**
Master in Computer Science   *2020–2022*

KPITB   **Pakistan**
Amazon Web services - Solutions Architect(Associate) Course,   Online   *2020*

IMSciences Institute of Management & Sciences Pakistan   **Peshawar**
Bachelor in Software Engineering   *2014–2018*

Technical Skills

Specialities: Mobile/Hybrid App Developer and Web Developer

Front-end: React/React-Native, Next Js Redux, Expo, Javascript, Typescript, HTML, CSS,Sass, Bootstrap, Material UI, Tailwind

Back-end: Node.js, Express, Mongoose, Sequelize, Python, Django, Firebase,DynamoDB, S3 bucket, MongoDB, MySQL, PostgreSQL, Serverless functions.

Tools & Platforms: Git, Sanity, OAuth, Heroku, Netlify, Digital Ocean, Amazon cloud, Azure, Rest API, GraphQL, Bash, Xcode, Android Studio, ChatGPT, Claude, Github Copilot.

Projects

2026: *AI-Driven Luxury E-Commerce (Passion Project)*

Architected and engineered a full-stack luxury e-commerce mobile application in **React Native**, **Expo** using **TypeScript** and **Redux Toolkit**. Integrated **Claude LLM (Anthropic)** via function calling to build an **agentic AI system** for natural language product discovery. Implemented a headless architecture using **Sanity CMS**, **Clerk** for secure authentication, and **Stripe** for payment processing, all powered by **Vercel** serverless functions. *Key Achievement:* Built a dynamic GROQ

query builder that leverages large language model **(LLM)** reasoning to translate AI conversations into precise database searches. Technologies: React Native, Expo, TypeScript, Redux Toolkit, Claude LLM, Agentic AI, Sanity, CMS, GROQ, Clerk, Stripe, Vercel Serverless.

2022: ***Nudging based on users preferences using Fitbit (Master Thesis)***

Developed a full-stack system to combat global physical inactivity (linked to issues like heart disease and diabetes) by delivering personalized, health-conscious activity recommendations, or "digital nudges," based on user preference and real-time vital data from a **Fitbit API**.Engineered the backend logic in **Python/Flask** to process incoming vital data, generate tailored nudges to achieve minimum required steps, and effectively close the loop between wearable data and user action through a mobile interface. The system was validated by real users, with feedback confirming its effectiveness in urging them toward greater activity. Technologies: Expo, Firebase, Python, Flask, Rest API, Fitbit API, React Native Paper.

2021: ***Chord: Scalable Peer-to-Peer Lookup (University Project)***

Implemented the Chord distributed hash table (DHT) algorithm for a scalable peer-to-peer lookup system, forming the basis for a key-value store prototype.Key Achievement: Designed and tested the distributed system logic using **Node.js** and **Python** on the **UiT Cluster**, demonstrating competence in high-performance and distributed computing environments.Technologies: Node.js, Python, Shell/Bash, Distributed Systems (Paper: `https://dl.acm.org/doi/10.1145/964723.383071`).

2018: ***Currency Recognition & Conversion (Bachelor Thesis)***

Designed and implemented a native mobile application to automate the scanning, identification, and valuation of currency notes, providing real-time conversion to USD.Key Achievement: Utilized **OpenCV** for robust computer vision-based currency recognition and integrated a Rest API for current exchange rate data.Technologies: Android, Java, OpenCV, Rest API, MATLAB.

Hobbies

○ Programming (no surprise there!), Music, Movies, Video Games, Reading, Hiking,Gym, Indoor Climbing, Football, Traveling.

Languages

English, Pashto, Urdu   *Fluent*
Norwegian   *Intermediate*

References

Available upon request