

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 for Norwegian service agencies. Seeking a challenging role to leverage my technical expertise and local academic background in modern development.*



Experience

Aido AS

Full Stack Developer

Hybrid Norway

July 2021 – til now

- **Mobile Leadership:** Leading the end-to-end development of the core Hybrid Mobile Application (**React Native/Expo**), serving as the primary developer for architecture, feature implementation, and maintenance.
- App available  iOS and  Android.
- **Deployment & DevOps:** Managed the automated **CI/CD** pipeline via **Bitrise** and **Bitbucket** to publish the Aido App successfully to both the **Apple Appstore** and **Google Play Store**.
- **Web UI Contribution:** Assisted in front-end enhancements for the Management Web Application, utilizing **HTML**, **CSS**, and **Bootstrap** to refine UI components and improve user experience consistency.
- *Technologies:* React Native, Expo, Material UI, Bootstrap, CSS, Bitbucket, Sentry, Bitrise, Django.

Linknbit

MERN Stack Developer

Remote Pakistan

Dec 2020

- **Full-Stack Engineering:** Engineered the **Missoq** e-commerce platform, developing a responsive **React** frontend and a scalable **Node.js/Express** backend and a **MongoDB** database.
- **Cloud Infrastructure:** Configured and managed the production environment on **Digital Ocean** for high availability.
- *Technologies:* React, CSS, SASS, Node.js, Express, MongoDB, Digital Ocean.

Decklaration

MERN Stack Engineer

Hybrid Pakistan

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.
- **System Hardening:** Strengthened application security by implementing measures against XSS and SQL Injection, and managed the deployment process on **Amazon Cloud (AWS)**.
- **Frontend Web & Mobile:** Collaborated on the development of the **Medtigo** mobile application in **React Native** and contributed to the **Mertium** trending crypto & finance news platform frontend, building responsive UI components in **React**.
- *Technologies:* Node.js, Express, Amazon RDS (SQL), Sequelize, Passport.js, OAuth 2.0, Zoho, Node Mailer, React, React Native, HTML, CSS, Less, AWS.

Linknbit

Software Engineer

Onsite Pakistan

Jan 2019 – May 2020

- Led development of multiple Web and Hybrid Mobile Applications for a software development consultancy.
- **React Web Development:** Developed and maintained internal and client-facing web portals using **React**, focusing on responsive design and REST API integration.
- **React Native Mobile Development:** Led the development of cross-platform apps including **Kyla** (Legal) and **SmartsAid** (NGO), integrating geolocation and **Firebase** services.
- **Full-Stack Integration:** 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, Expo, Material UI, Bootstrap, Native Base, Redux, Firebase, Rest API, Geolocation, Amazon.

Education

UiT The Arctic University of Norway

Master in Computer Science

Tromsø

2020–2022

KPITB

Amazon Web services - Solutions Architect(Associate) Course, Online

Pakistan

2020

PIAIC Islamabad

Internet of things and AI Specialist Course, Only First Quadrant

Islamabad

2019

IMSciences Institute of Management & Sciences Pakistan

Bachelor in Software Engineering

Peshawar

2014–2018

Technical Skills

Specialities: Mobile/Hybrid App Developer and Web Developer

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

Back-end: Node.js, Express, Mongoose, Sequelize, Python, Flask, 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 using **React Native** and **Expo**. Integrated **Claude AI (Anthropic)** via function calling 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 translates AI conversations into precise database searches. **Technologies:** React Native, Expo, Claude AI, Sanity, 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.

2022: *Migraine Prediction with Empatica E4 (University Project)*

Designed and developed the mobile application front-end for a university research project focused on collecting physiological data for migraine prediction. Key Achievement: Successfully implemented **Bluetooth Low Energy (BLE)** integration to securely connect with the Empatica E4 wristband, managing data ingestion and transferring health data to research APIs. Technologies: React Native, Expo, Bluetooth, Empatica E4, APIs.

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.

2010: *RuneScape RPG Automation Script (Personal Project)*

Developed an automated script in **Java** to play the RuneScape RPG, focusing on efficient in-game progression and skill leveling (e.g., Fishing Skill). This project demonstrated foundational programming and problem-solving skills by creating an autonomous system.

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

Note

For more projects, please visit the website mentioned in the resume header.