

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

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| <p>Aido AS
<i>Full Stack Developer</i></p> <ul style="list-style-type: none">○ 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. | <p>Hybrid Norway
<i>July 2021 – til now</i></p> |
| <p>Linknbit
<i>MERN Stack Developer</i></p> <ul style="list-style-type: none">○ 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. | <p>Remote Pakistan
<i>Dec 2020</i></p> |
| <p>Decklaration
<i>MERN Stack Engineer</i></p> <ul style="list-style-type: none">○ 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. | <p>Hybrid Pakistan
<i>Jun – Aug 2020</i></p> |

- Linknbit** **Onsite Pakistan**
Software Engineer 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 <i>Master in Computer Science</i>	Tromsø 2020–2022
KPITB <i>Amazon Web services - Solutions Architect(Associate) Course, Online</i>	Pakistan 2020
PIAIC Islamabad <i>Internet of things and AI Specialist Course, Only First Quadrant</i>	Islamabad 2019
IMSciences Institute of Management & Sciences Pakistan <i>Bachelor in Software Engineering</i>	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	<i>Fluent</i>
Norwegian	<i>Intermediate</i>

References

Available upon request

Note

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