

Sufyan Saleem

Asgårdvegen 23 – 9016 Tromsø – Norway

* 04 January 1996 • ☎ +47 48658522 • ✉ sufyansalim94@gmail.com
🌐 <https://sufyansaleem.net> • 💬 sufyansaleem • 🌐 sufyansalim

*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

- | | |
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| Aido AS
<i>Full Stack Developer</i> | Tromsø, Norway (Hybrid)
<i>July 2021 – Present</i> |
| <ul style="list-style-type: none">○ 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
<i>MERN Stack Developer</i> | Remote
<i>Dec 2020</i> |
| <ul style="list-style-type: none">○ 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
<i>MERN Stack Engineer</i> | Hybrid Pakistan
<i>Jun – Aug 2020</i> |
| <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.
- **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 <i>Master in Computer Science</i>	Tromsø 2020–2022
KPITB <i>Amazon Web services - Solutions Architect(Associate) Course, Online</i>	Pakistan 2020
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, 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	<i>Fluent</i>
Norwegian	<i>Intermediate</i>

References

Available upon request