

Sufyan Saleem

Asgårdvegen 23 – 9016 Tromsø – Norway

* 04 January 1996 • +47 48658522 • sufyansalim94@gmail.com
• <https://sufyansaleem.net> • [in](#) sufyan-saleem • [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

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.

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Remote

MERN Stack Developer

Dec 2020

- **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.

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Software Engineer

Onsite

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

Master in Computer Science

Tromsø

2020–2022

KPITB

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

Pakistan

2020

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, 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