

Sufyan Saleem

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Highly motivated Full Stack Developer with 5+ years of experience specializing in the MERN stack and cross-platform mobile development (React Native/Expo). Proven ability to deliver smart, scalable solutions, with a focus on web and hybrid mobile applications for service provider agencies. Seeking a challenging role to leverage expertise in modern development areas.

Education

UiT The Arctic University of Norway <i>MSc 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>BSc Software Engineering</i>	Peshawar 2014–2018

Experience

Aido AS <i>Full Stack Developer</i>	Hybrid Norway July 2021 – til now
○ Spearheaded the end-to-end development and maintenance of the core Hybrid Mobile Application (React Native/Expo) and helped on the associated Web Application for the service provider agency.	
○ App available 🍏 iOS and 🛡️ Android.	
○ Managed the full CI/CD and deployment pipeline (Bitbucket, Bitrise) to publish the Aido App successfully to both the Apple Appstore and Google Play Store .	
○ <i>Technologies:</i> React Native, Expo, Bitbucket, Sentry, Bitrise.	
Linknbit <i>MERN Stack Developer</i>	Remote Pakistan Dec 2020
○ Developed a full-stack e-commerce platform, Missoq, managing all aspects of the front-end and back-end systems.	
○ Engineered the core application logic using the MERN stack (MongoDB, Express, React, Node.js) and deployed the product on Digital Ocean .	
○ <i>Technologies:</i> React, Node.js, Express, MongoDB, Digital Ocean.	

Decklaration

MERN Stack Engineer

Hybrid Pakistan

Jun – Aug 2020

- Developed Web Applications, Backend, and Hybrid Mobile Applications for a New York-based design agency.
- Integrated external user systems by implementing secure user import functionality from **Zoho**, utilizing Passport.js with **OAuth 2.0** and **OAuth** for seamless authentication and authorization.
- Architected and developed the backend for **Medtigo**, implementing security measures against XSS and SQL Injection, and deploying on **Amazon Cloud**.
- Contributed to the front-end of **Mertium** (a Bloomberg-like platform) using modern web technologies.
- *Technologies:* Node.js, Express, MSQL, Sequelize, Passport.js, OAuth, OAuth2, Zoho, Node Mailer, React, HTML, CSS, Less, Amazon.

Linknbit

Software Engineer

Onsite Pakistan

Jan 2019 – May 2020

- Led development of multiple Web and Hybrid Mobile Applications for a software development consultancy.
- **Kyla App (Legal Mobile)**: Architected and secured the backend (**Node.js**, **Express**, **MongoDB**) with features including geolocation, and **Amazon cloud** was used for deployment.
- **Dynasty Unleashed Models (Agency App)**: Contributed to the front-end (React/React-Native) and managed deployment to **Firebase** and the Google Play Store.
- **SmartsAid (NGO App)**: Developed the full stack (**Node.js**, **Firebase**, React/React-Native) for an NGO application aimed at supporting refugees.
- **Dokkani.co (E-commerce)**: Handled full-stack development (React/React-Native, **Node.js**) for an e-commerce mobile application, integrating multiple **third-party APIs (WordPress, Woo Commerce)**.
- **Yogurt App**: Assisted with front-end development, focusing on **UI/UX** with React/React-Native and Native Base.
- *Technologies:* Node.js, Express, MongoDB, React/React-Native, Expo, Redux, Firebase, Rest API, Geolocation, Amazon.

Technical Skills

Specialities: Mobile/Hybrid App Developer and Web Developer

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

Back-end: Node.js, Express, Mongoose, Sequelize, Firebase, MongoDB, MySQL, PostgreSQL

Tools & Platforms: Git, OAuth, OAuth 2.0, Heroku, Netlify, Digital Ocean, Amazon cloud, Azure, Rest API, GraphQL, MVC, Bash, Rust, WordPress, Xcode, Android Studio, ChatGPT, Claude, Github Copilot.

OS: Linux, WinOs, MacOs

Projects

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.

Languages

English	<i>Fluent</i>
Norwegian	<i>Beginner</i>
Pashto, Urdu	<i>Native</i>

References

Available upon request

Note

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