

Engr. Muhib Aleem

Lecturer | Senior Software Engineer

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SUMMARY

Experienced Mobile Application Developer & Lecturer with a master's degree in IT (2024) and over four years of expertise. I collaborate closely with cross-functional teams to ensure seamless product delivery and leverage my extensive knowledge of the React Native framework to contribute to successful projects. Designed intuitive user experiences, boosting engagement and satisfaction.

EDUCATION & CERTIFICATION

Masters of Engineering – Information Technology

Mehran University of Engineering & Technology
Jun 2020 - May 2024, Jamshoro Hyderabad, Pakistan
CGPA 3.8/4.0

Bachelors of Engineering – Computer System Engineering

Mehran University of Engineering & Technology
Jan 2016 - Dec 2019, Jamshoro Hyderabad, Pakistan
CGPA 3.3/4.0

Courses:

MERN From Scratch 2023 | eCommerce Platform.
MERN Stack E-Commerce Mobile App with React Native
Basics of Agile Scrum Project Management Certification
MOS - Microsoft Office Specialist (2016)

ACADEMIC PUBLICATIONS

AI-Based Predictive Tool-Life Computation in Manufacturing Industry

Published at IJIST'24 - International Journal of Innovations in Science & Technology (2024)- [VIEW](#)

Hard Turning of AISI D2 Steel Using CBN Tools under MQL: Assessment of MRR, Tool Life and Surface Integrity of the Workpiece

Issue: Digital Manufacturing Technology, Volume 3 Issue 2 (2023)- [VIEW](#)

A Comparison of Proximity and Feature Based Segmentation of 3D MRI Images for Brain Tumor Detection

Published at Journal of Computing and Business Analytics, Vol. 1, No. 1, pp. 48-64. (2021)- [VIEW](#)

Smart Fluid Measurement Device

Published at INCCST'19 - 1st International Conference on Computational Sciences and Technologies (2019)- [VIEW](#)

WORK EXPERIENCE

Lecturer (BPS-18)

HITMS – Hyderabad Institute for Technology and Management Science

Aug 2025 - Present

Responsibilities:

- Advise students on academic paths, projects, or careers in IT.
- Participate in departmental planning, accreditations, and curriculum reviews.
- Conduct and publish research in areas like AI, data science, or software engineering.

React Native Developer

NextApp.is

July 2021 – Aug 2025, Hyderabad, PK - Onsite | Hybrid

Responsibilities:

- Create UI designs that closely align with provided designs.
- Ensure React Native applications are well-maintained with high-quality code.
- Integrate external APIs seamlessly into applications.
- Conduct code reviews to ensure code quality and adherence to best practices.

Trainer

NVI Computing Hub

Jan 2020 - June 2021, Hyderabad, Pakistan – Onsite

IT Intern

PAK CAA

Dec 2018 - Jan 2019, Karachi, PK – Onsite

APP PROJECTS

- FikrNat

FikrNat is an innovative app that lets you book trained security guards anytime, anywhere you want.

- Implemented design and API integration for FikrNat platform.
- Collaborated with team to ensure seamless user experience.
- Integrated third-party libraries to extend app functionality.
- App Links ([iOS](#) & [Android](#))

Technologies used: React Native Cli, JavaScript, Redux, Firebase, Push Notifications, Google Places Apis, Socket.io, Payment Integration, Analytics.

- Dosafar

Dosafar is a complete online bus ticket booking platform used by customers traveling to different cities in Pakistan.

- Developed key features, Implemented design and API integration for Dosafar platform.
- Conducted thorough testing to ensure app stability and reliability.
- Designed intuitive user interfaces for increased user engagement.
- App Links ([iOS](#) & [Android](#))

Technologies used: React Native Cli, Mobx, Firebase, Payment Integrations, Push Notifications. Google Places Apis.

- Al-Emad

Car rental service, Al-Emad provides ease to user while renting cars and maintains all major aspects.

- App Links ([iOS](#) & [Android](#))

Technologies used: React Native Expo, Redux, Analytics, Expo Push Notifications.

- Aqrat e Oman

Real estate app for property management with image uploads for Google Maps verification.

- App Links ([iOS](#) & [Android](#))

Technologies used: React Native Expo, Mobx, Firebase, Expo Push Notifications, Deep linking.

- POSCraft Lite

POSCraft Lite is a user-friendly Point of Sale (POS) application designed to optimize retail operations. It offers seamless inventory management, sales tracking, and customer management.

- App Links ([Android](#))

Technologies used: React Native Cli, Redux, Firebase, Analytics, Scanner Integrations, Push Notifications, Deep Linking, Payment Integration.

SKILLS

Proficient in: React Native, Expo, Redux, Firebase, Postman, Analytics, Sentry, Mixpanel, Animations, Socket.io, Social Login Integrations (Facebook, Google, Apple), Payment Integration, State Management (Redux, Mobx), Debugging Using Chrome, SQA, React Native Debugger, Manual & Automation Testing.

Currently expanding knowledge in exploring ReactJS.

Acquainted in: Native Android, Native iOS, NodeJS, ReactJS, Material UI, Flutter

INTEREST

- Latest Tech Trends in Mobile App Development
- Research
- Table Tennis