

MARIA ADIL

Software Engineer | React & React Native Developer

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Software Engineer with hands-on experience in building scalable mobile and web applications using React Native, React JS, Firebase, and Python. Proven ability to deliver production-ready features, integrate REST APIs, and optimize performance in real-world applications used by thousands of users. Strong foundation in frontend development, mobile app architecture, and collaborative Agile environments.

Education

COMSATS University Islamabad – Abbottabad Campus

Sep 2021 – July 2025

Bachelor of Science in Computer Science

CGPA: 2.78/4.00

Skills

- ✓ **Languages:** JavaScript, Python, Dart, HTML, CSS
- ✓ **Frontend:** React JS, React Native (CLI & Expo), Redux
- ✓ **Backend & APIs:** REST APIs, Firebase
- ✓ **Database:** Firebase, SQLite
- ✓ **Cloud Services:** Azure, DigitalOcean
- ✓ **Tools:** Visual Studio, Visual Studio Code, Google Colab, Jupiter Notebook, Kaggle

Professional Experience

Software Engineer (React Native Developer)– Verge Systems, Hyderabad

November 2025 – Present

- ✓ Developing mobile applications using **React Native CLI**.
- ✓ Collaborating with team members to build and maintain scalable, production-ready features.
- ✓ Writing clean, reusable, and maintainable code following best practices.
- ✓ Updating React Native's old version into latest version for both android and IOS.

React Native Developer Intern – Verge Systems, Hyderabad

August 2025 – October 2025

- ✓ Worked on multiple mobile applications, completing practice tasks and UI recreations.
- ✓ Integrated REST APIs and gained hands-on experience with SQLite, Firebase, and Redux.
- ✓ Developed a fully functional Food Delivery application.
- ✓ Recreated UI from Figma designs for the ongoing project Hireside.
- ✓ Worked exclusively with React Native CLI.
- ✓ Update React Native's old version into latest version for both android and IOS.

Professional Development Program – KPK Police, Abbottabad

Aug 2024 – Present

- ✓ Designed and developed complaint & IMEI tracking system adopted by 50+ police stations.
- ✓ Implemented real-time notification and complaint management for 2K+ users.
- ✓ Designed multi-user access modules improving administrative response efficiency by 40%.
- ✓ Developed Mobile features using React Native Expo.

React Native Developer Intern – ISplendid, Karachi

August 2024 – September 2024

- ✓ Built 3+ cross-platform apps using React Native with Azure authentication.
- ✓ Enhanced performance by 20% through state optimization.
- ✓ Led UI/UX revamp increasing usability score.
- ✓ Performed integration testing and deployed via Azure pipelines.
- ✓ Practiced and developed using React Native CLI.

React Developer Intern – CODEXCUE, Remote

May 2024 – June 2024

- ✓ Developed 5+ responsive web apps with React & Redux, improving engagement by 25%.
- ✓ Integrated REST APIs and reduced load time by 30% using lazy loading.
- ✓ Collaborated with PMs for sprint milestones and conducted code reviews.
- ✓ Conducted unit testing, reducing UI bugs by 40%.

Projects

Court Companion Chatbot (Flutter, Firebase, Python, RAG NLP)- Final Year Project

- ✓ Developed AI-powered chatbot, Final year project, using Python and Retrieval-Augmented Generation (RAG) for legal Q&A.
- ✓ Implemented AES-based encryption for secure user communication.
- ✓ Used FAISS and Sentence Transformer for semantic search.
- ✓ Integrated RESTful APIs and Firebase authentication.

KPK IMEI Registration App (React Native, Firebase)- Community/ Volunteer Project

- ✓ Real-time complaint, device tracking & IMEI registration system used by KPK Police.
- ✓ Multi-role access for civilians, shopkeepers, and law enforcement.
- ✓ Streamlined investigations and reduced mobile theft reports.

Food Delivery App

- ✓ Built a mobile food delivery app using React Native CLI with authentication, cart, and order management features.
- ✓ Integrated REST APIs, Firebase, and Redux for real-time data handling and state management.
- ✓ Ensured responsive UI, performance optimization, and reusable component architecture.

Weather App (React JS, OpenWeather API)

- ✓ Location-based weather forecast app with current and hourly data display.
- ✓ Integrated external API and implemented dynamic UI rendering.

E-Commerce Bookstore (React JS)

- ✓ Online bookstore with filtering, cart functionality, and payment simulation.
- ✓ Used Redux for state management and routing.

Certifications

- ✓ **Introduction to Front-end Development by Meta (Coursera)**
- ✓ **Introduction to Generative AI by Google Cloud (Coursera)**
- ✓ **Basics of HTML & CSS for Beginners**

Leadership & Extracurriculars

- ✓ **Co-Lead**, Google Developer Groups on Campus, COMSATS Abbottabad (2024)
- ✓ **PR Manager**, IET Robotics Club COMSATS Abbottabad (2024–2025)
- ✓ **Documentation & Marketing Lead**, GDSC COMSATS Abbottabad(2023–2024)