Sharjeel Fida Chaudhary

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EDUCATION

Nust   MCS, Rawalpindi
Bachelor of Engineering in Software Engineering   *OCT. 2022 – OCT 2026, CGPA: 3.81*

EXPERIENCE

Lead Full Stack Mobile App Developer Intern   April 2024 – August 2024
National Incubation Center (NIC)   *Company: Washify.pk*
- Led a team of 7 members in the development of a full-stack mobile application.
- Developed the front-end using React Native, ensuring a seamless and responsive user experience on both iOS and Android, achieving a 95% user satisfaction rate.
- Implemented authentication, storage and secured API endpoints using Firebase to provide secure and efficient data handling reducing unauthorized access incidents by 50%.
- Integrated payment gateways to facilitate online transactions within the application and mapping features to track records and enhance user functionality leading to a 30% increase in user engagement.

Private Employer (Fiver & Upwork)   March 2023 – Present
Timelox   *Nov 2024 – Dec 2024*
- Created Timelox an app that allows users to capture and lock memories, unlocking them at a chosen future time.
- Developed core features using React Native and GraphQL.
- Optimized performance, and created reusable boilerplates for efficient development.

PawTrack   *Oct 2024 – Oct 2024*
- Developed a pet management app where users can track vaccinations, search for pets, and connect with vets.
- Developed using React Native and Supabase.
- Integrated AI for smart pet health insights and automated vaccination reminders.

PROJECTS

Real-Time school transportation system | *IOT, React Native, Resnet AI, PostgreSQL*   Nov 2024 – Jan 2024
- ∗ Developed a real-time school transportation system with AI-driven student recognition, automated alerts, and live tracking for parents and administrators.
- ∗ Engineered core features, including GPS-based bus tracking, AI-powered student verification using OpenCV, and real-time cloud communication via MQTT and SUPABASE Real-time.
- ∗ Recognized as the most advanced project in my batch, demonstrating innovation in real-time tracking and AI-based automation; also submitted a research paper for publication based on the system's impact and efficiency.

Evoke | *React Native, JavaScript, MySQL, Firebase*   Dec 2023 – Feb 2024
- ∗ Engineered a comprehensive mobile e-commerce application focused on delivering a seamless user experience for product discovery, shopping, secure payment gateways and order management.
- ∗ Built core features including product browsing, advanced search capabilities and user authentication.
- ∗ Employed React Native to ensure efficient cross-platform performance reducing app load time by 30%.

Neon-Chat | *JavaScript, React Native, API Handling, Firebase Fire-store / Storage*   Feb 2024 – June 2025
- ∗ Devised a cross-platform chat application with seamless Firebase integration for real-time messaging with capability to facilitate 10000 users and ensured cross-platform compatibility.
- ∗ Implemented user auth, chat rooms, and push notifications to enhance user interaction and engagement.
- ∗ Solved issues related to real-time updates, data consistency, and efficient network usage.

Quizmo | *JavaScript, React, MongoDB, Firebase*   June 2022 – Aug 2022
- ∗ Innovated a Adaptable web application for creating and taking quizzes, leveraging React for the front-end.
- ∗ Administered robust 2 way user authentication and data storage solutions using MongoDB and Firebase.
- ∗ Utilized MongoDB for efficient data management, storing 40000+ quizzes and retrieval.

TECHNICAL SKILLS

Languages: JavaScript, Python, C/C++, C#, Java, MYSQL, HTML/CSS,
Frameworks: React Native, React.js, Next.js, Node.js, Express.js, Material-UI
Developer Tools: Git, Docker, Google Cloud Platform, VS Code, Firebase, SUPABASE, AWS