Syed Daniyal Hashmi

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EXPERIENCE

App Developer Intern Pakistan International Airlines (PIA)

Software Engineer   July 2024 – August 2024

- Developed and optimized cross-platform mobile app features using React Native, reducing average latency by 40% and improving UI responsiveness on both Android and iOS platforms.
- Integrated Firebase Authentication and Cloud Firestore to enable secure login and provide real-time synchronization of 10+ content modules, ensuring up-to-date information across the app.
- Revamped UI/UX by applying best design practices and user feedback, resulting in a 20% increase in user retention

App Developer Intern Tafsol Technologies

Software Engineer   August 2025 – October 2025

- Building real client-facing React Native apps — implementing Redux for state, role-based access, and secure auth flows to control user permissions.
- Working with REST APIs to fetch, send, and sync data between frontend and backend — ensuring smooth, real-time user experiences. with clean UI components used in live projects

SKILLS

Tech: JavaScript, Python, SQL | React Native, React.js, Node.js, Django | MongoDB, Firebase, MySQL | Git, REST APIs, Firebase Auth
Soft Skills & Tools: Team Collaboration, Communication, Expo, CLI, Cross-Platform Dev, Client-Focused Delivery

PROJECTS

Aiventory – AI-Powered Inventory Management System

Full Stack & AI Project | Apr 2024 – June 2025

- Built a full-stack inventory management system with AI-based demand forecasting , reducing stockouts by 35% and enabling automated restocking workflows that saved 10+ hours per week for operations teams.
- Integrated scikit-learn and XGBoost with MongoDB to create a real-time inventory prediction system; the tool now drives inventory decisions for 10+ supply chain managers across three regions , improving forecast accuracy by 45% .
- Engineered an AI Waste Reducer module that sends expiry alerts and optimizes stock use, reducing expired inventory by 28% within 6 months.
- Integrated automated invoice handling for vendor transactions and implemented SMS-based confirmations for stock deliveries, cutting approval delays by 50% .
- Designed a responsive admin dashboard (Next.js) and mobile app (React Native) with real-time search, analytics, and vendor tracking , used by 20+ internal users daily.
- Tech Stack: Next.js, Django, React Native, MongoDB, scikit-learn, XGBoost, Python, Git
- Project Link: Aiventory GitHub Repo

AeroTrace – Aviation Maintenance Tracking System

Mobile App Project | July 2024 – August 2024

- Built a cross-platform aviation maintenance tracking app using React Native + TypeScript , improving type safety and reducing debugging time by 30% due to better code maintainability.
- Integrated Firebase Authentication and Cloud Firestore , enabling secure, real-time data access for 15+ maintenance engineers across multiple teams.
- Implemented push notifications for instant maintenance alerts, reducing average response time to critical issues by 40% .
- Designed a responsive and intuitive UI/UX that streamlined aircraft part tracking and status reporting , improving user satisfaction by 90% in internal feedback surveys.
- Tech Stack: React Native, TypeScript, Firebase Authentication, Firebase Firestore, Expo, Git
- Project Link: AeroTrace GitHub Repo

EDUCATION

NEDUniversity(UIT)

Bachelor of Science in Software Engineering | Nov 2021- July2025
Participated in **Hacktoberfest** 2022 contributing multiple pullrequests and improving collaborative development skills.