

# Syed Mohammad Saad

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## EDUCATION

**National University of Sciences and Technology**  
*Bachelor of Engineering in Software Engineering | CGPA: 3.13*

Islamabad

Oct. 2023 – Present

**APSACS Ordnance Road**  
*FSc Pre-Engineering*

Rawalpindi

Mar. 2020 – May 2022

## EXPERIENCE

**National Aerospace Science and Technology Park**

Rawalpindi

*UI/UX Intern*

July 2025 – Aug. 2025

- Served as Lead Designer for the Seller App team, collaborating with cross-functional teams to ensure cohesive design.
- Created high-fidelity mockups and interactive prototypes in Figma, incorporating stakeholder feedback.
- Utilized Git for version control to manage design-developer handoffs and resolve asset merge conflicts.

## PROJECTS

**FloodSense | Flood Monitoring System** | *React, Supabase, Leaflet API, Tailwind CSS*

Dec. 2025

- Developed a real-time dashboard visualizing hydrological data for 80+ geolocated sensors across Pakistan using the Leaflet API and Recharts.
- Integrated Supabase for backend cloud storage and the OpenWeatherMap API for search-triggered live weather tracking.
- Utilized synthetic datasets to simulate extreme flood scenarios, ranking regions by severity through a custom analytics engine built in Node.js.

**Tasker | To-Do-App** | *HTML5, CSS3, JavaScript, Git*

Aug. 2025

- Developed a responsive task management app implementing full CRUD functionality for streamlined productivity.
- Rebuilding v2 with React and Tailwind CSS to implement modern web standards and modular components.

**QNNEK Platform - Prototype** | *Figma, Canva*

July 2025 – Aug. 2025

- Built an interactive Figma prototype at NASTP to demonstrate core user flows for a seller-side application.
- Developed visual guidelines and iconography to ensure consistency across developer handoff notes.

## CERTIFICATIONS

**Meta React Specialization** | *Meta*

Sep. 2025

- Credential ID: HANQJ78QZY3O

**Version Control** | *Meta*

Aug. 2025

- Credential ID: YNTJGREOXSW2

## RELEVANT COURSEWORK

Object Oriented Programming (OOP), Data Structures and Algorithms (DSA), Database Systems (DB), Software Design and Architecture (SDA), Machine Learning, Software Construction, Cloud Computing (CC)

## TECHNICAL SKILLS

**Languages:** JavaScript (ES6+), TypeScript, SQL, Python, C/C++, Java, HTML/CSS

**Frameworks:** React, Node.js, Express.js, Tailwind CSS, Shadcn UI, Material-UI

**Libraries/ML:** TensorFlow, PyTorch, Scikit-learn, Leaflet.js, Recharts, OpenWeatherMap API

**Developer Tools:** Git, GitHub, Supabase, VS Code, Figma, Vercel, Postman