# Khadeeja Sattar

**Full-Stack & Mobile Engineer | React Native, Node.js, Supabase | Security & IAM background**

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**Lahore, Pakistan | Open to remote**

Full-stack and mobile engineer who ships. Built and launched **AspireLearn** as sole engineer, a children's learning app live on the App Store and Google Play, owning everything from data model and row-level security to Node.js APIs and App Review. Brings a security mindset from 6 months in a SOC on a government project (IBM QRadar, CrowdStrike Falcon) and hands-on IAM with WSO2 and Active Directory.

## TECHNICAL SKILLS

- **Languages:** JavaScript, Python, SQL, Java, C#, C/C++
- **Mobile & Frontend:** React Native (iOS, iPadOS, Android), React.js, HTML/CSS
- **Backend & Data:** Node.js, Express.js, REST APIs, Supabase (Postgres, Auth, row-level security), PostgreSQL, MongoDB, SQL Server
- **AI/ML:** BERT, MPNet sentence embeddings, OpenAI API, NLP, TensorFlow, Pandas, NumPy
- **Security & IAM:** IBM QRadar (SIEM), CrowdStrike Falcon (EDR), WSO2 API Manager & Identity Server, Active Directory/LDAP, Ubuntu Server
- **Shipping & Tools:** App Store Connect, TestFlight, Render, Git/GitHub, Postman, Figma, VS Code

## WORK EXPERIENCE

**Jan 2026 to Present** **Software Engineer** | Empire Tab Pty Ltd (eTAB), Sydney (Remote)

- Own end-to-end engineering of **AspireLearn**, the company's live children's learning app, as sole engineer: architecture, Node.js backend, React Native client and releases.
- Shipped one React Native codebase to both the App Store and Google Play, managing code signing, TestFlight beta distribution, privacy disclosures and App Review approval.

**Jul 2025 to Dec 2025** **SOC Analyst** | Arwen Tech, Lahore

- Monitored and triaged real-time security and identity alerts for the Punjab Land Records Authority (PLRA) government project using IBM QRadar (SIEM) and CrowdStrike Falcon (EDR).
- Deployed WSO2 API Manager and WSO2 Identity Server on Ubuntu and integrated both with Active Directory/LDAP for centralised authentication and identity federation.
- Published APIs in WSO2 and enforced authentication, authorisation, throttling and access-control policies, testing each identity flow end to end.
- Wrote incident reports covering root cause, access impact, risk and remediation, and escalated to senior analysts and incident response teams.

**Jun 2025 to Jul 2025** **Data Intern** | Easy-Logic Technology

- Cleaned, standardised and validated large datasets for the Venture Capital Archive (VCA) flagship project, supporting preliminary analysis and reporting.

**Jul 2024 to Sep 2024** **Software Engineering Intern** | FieldForce, Lahore

- Built backend services (Node.js, Python Flask, PostgreSQL, MongoDB) and responsive React.js interfaces for an AI-personalised learning platform.
- Led system architecture design and Figma prototyping with AI, product and engineering teams; recognised as a distinguished intern.

**Feb 2024 to Feb 2025** **Web Tech & Marketing Lead** | GDSC COMSATS Lahore

- Built and maintained the official GDSC COMSATS Lahore website (React, JavaScript, HTML/CSS) and led content strategy and digital outreach for the chapter.

## PROJECTS

**Jan 2026 to Present** **AspireLearn** | Live on App Store and Google Play

*React Native · Node.js/Express · Supabase (Postgres + Auth) · Render*

- Designed a multi-profile data model (one parent account, many child learners) with Supabase row-level security, isolating each family's data at the database layer rather than only in app code.

- Built the core learning loop for ages 5 to 13: daily 5-minute workouts, an XP-based practice zone, mascot progression, visual learning cards and reward animations.
- Built parent dashboards with cross-child progress tracking, learning analytics and activity history.
- Implemented Supabase Auth (signup, login, password recovery, sessions) and token-authorised REST APIs with input validation, error handling and rate limiting.

**Feb 2025 to Jan 2026** **IntelliHire** | AI Recruitment Platform (Final Year Project)

*React.js · Node.js/Express · MongoDB · Python (Flask) · React Native · Supabase*

- Built semantic resume-to-job matching with BERT and MPNet sentence embeddings ranked by cosine similarity, so candidates are matched on meaning rather than keywords.
- Added an AI interview module with OpenAI-generated questions, voice-to-text transcription and sentiment analysis of answers.
- Delivered recruiter analytics dashboards and a React Native mobile client with cloud resume uploads.

## EDUCATION

**Bachelor of Science in Computer Science** | Feb 2022 to Feb 2026
COMSATS University Islamabad, Lahore Campus

## CERTIFICATIONS

- Kaspersky Certified Professional: Security for Windows Server 005.11 (Kaspersky, Oct 2026)
- SOC for Blue Teaming (Udemy, Aug 2025)
- Azure Fundamentals; Deploying a Web App on Azure App Service (Microsoft)
- Generative AI Fundamentals (Google, May 2025); AI Foundations for Everyone and Introduction to AI (IBM, May 2025)