

Muhammad Tayyab

Full Stack Software Engineer

+92 3230190586 meetayyab@gmail.com <https://linkedin.com/in/immtayyab> <https://www.iamtayyab.com> Peshawar

SUMMARY

Full Stack Web Development professional with 3 years of experience in software engineering and application development, expert in JavaScript frameworks (MERN/MEAN) and AI/ML integration. My key achievements include the development of a custom subscription system that reduced \$70,000 in annual fees and a 30% increase in affiliate sales through an efficient tracking dashboard. Seeking a Full Stack Developer position, where I bring my development and problem-solving skills to support your mission of driving digital transformation through innovative technology solutions.

KEY ACHIEVEMENTS

Cost Reduction Initiative

Reduced costs by \$70,000 annually with custom subscription system.

Sales Performance Boost

Increased affiliate sales by 30% with new tracking dashboard.

Support Efficiency Improvement

Decreased support tickets by 90% with new support dashboard.

Server Optimization Success

Reduced server response time by 45% with backend optimization.

EXPERIENCE

Full Stack Engineer

Efani

www.efani.com

America's most secure mobile service.

US - Remote

04/2023 - Present

- **Built a custom subscription system** to replace Stripe Subscriptions, supporting flexible billing intervals, trials, and auto-retry. This saved the company over \$70,000 annually in fees.
- **Created an internal support dashboard** combining billing, account, and line management tools. This helped reduce support tickets by 90% and sped up issue resolution.
- **Developed an affiliate dashboard** that tracks orders and commissions in real time, leading to a 30% increase in affiliate sales.
- **Built BlackSealProtection, a security-focused iOS app** with:
 - NumberScan: reveals public data linked to phone numbers to show breach risk.
 - DeviceScan: checks device integrity including jailbreak and VPN status.
 - Built-in VPN: uses native SDKs for dedicated IPs, location switching, and ad blocking.
- **Automated sales call analysis** by using OpenPhone transcripts with a HuggingFace AI model. Reduced monthly AI costs from \$28,800 to about \$200 and improved sales process compliance.
- **Managed large call record data sets** and created backend tasks to throttle bandwidth based on daily usage, supporting thousands of customer lines efficiently.
- **Reduced server response time by 45%** by refactoring backend logic and introducing efficient caching solutions.
- **Led a small cross-functional team** of developers, designers, and testers. Took ownership of task planning, code reviews, and mentoring junior engineers.

Software Engineer

Inqiludio Digital

www.inqiludio.com

Web Design and Marketing agency.

Peshawar, Pakistan

09/2022 - 04/2023

- **Facilitated communication for 10,000 individuals** by developing an AI-based app translating sign language and voice.
- **Developed a React-based dashboard** to manage, list, and train language conversion models for enhanced accuracy and usability.
- Leveraged Media pipe Holistic libraries to accurately **capture user gestures for real-time sign language recognition**.
- Designed visually appealing layouts and landing pages using Ant Design and Bootstrap, ensuring a polished and user-friendly interface.
- **Reduced server costs by 25%** by optimizing resource allocation and leveraging cloud solutions.
- **Improved deployment speed by 50%** by introducing automated CI/CD pipelines and optimizing workflows.

EDUCATION

Bachelor of Science - BS, Computer Science

University of Engineering & Technology Peshawar

11/2021 - 07/2025

- Built a strong foundation in algorithms, data structures, database systems, and software engineering principles.
- **Led technical seminars** on topics like application development and app security, guiding fellow students through hands-on examples and practical implementations.
- Completed multiple academic and self-initiated projects, including a cross-platform job marketplace (WorkConnect) using React Native, Next.js, and Django.

PROJECTS

TalkMotion

09/2022 - 04/2023

<https://talk-motion.com/>

AI-powered app for translating voice to sign language and sign language to voice

React, Node.js, PostgreSQL, Styled Components, Mediapipe, HuggingFace

- Built a web app that translates voice to sign language and sign language to voice using AI models and gesture tracking with Mediapipe, improving communication accuracy by **over 80%** compared to basic gesture detection systems.
- Developed a dashboard for managing and training language models, allowing updates without redeploying the app.
- Created backend services with Node.js and PostgreSQL to handle translation, model management, and real-time data processing.
- Designed responsive user interfaces with Styled Components for both desktop and mobile browsers.
- Connected AI models through HuggingFace APIs to improve translation results and speed.

BlackSealProtection (Efani)

06/2024 - Present

<https://apps.apple.com/us/app/black-seal-protection/id6742754502>

Mobile security platform with SIM protection tools and device security analysis

SwiftUI, Xcode, Node.js, PostgreSQL, Heroku, Atom SDK

- Built an iOS app providing security tools like NumberScan, DeviceScan, VPN access, and breach monitoring — now available on the App Store.
- Added SIM breach scanning, jailbreak detection, and VPN features — helping reduce account compromise risks by **up to 70%** for active users.
- Implemented OTP-based authentication and integrated backend services using Node.js and PostgreSQL for secure data handling and user management.
- Created an admin web portal to manage users, monitor app activity, and control system configurations.
- Managed the full development cycle from feature planning to deployment, including App Store submission and updates.

VisaBookings

01/2022 - 07/2022

<https://visabookings.com/>

Platform for booking Schengen visa flight reservations, travel insurance, and hotel bookings

Node.js, PostgreSQL, Stripe, AWS

- Developed backend APIs to handle bookings, payments, and real-time pricing — processing **over 500 transactions per month** during peak periods.
- Integrated Stripe for secure payment processing and managed order tracking and invoicing.
- Built support dashboards for handling customer requests, booking updates, and backend operations.
- Deployed backend services on AWS with a focus on low-latency response times for high-traffic endpoints.

WorkConnect

11/2024 - 05/2025

<https://workconnect-web-sf58.vercel.app/>

A cross-platform job marketplace

Next.js, React Native, Django REST Framework, PostgreSQL, WebSocket

- Built a comprehensive job marketplace platform connecting clients with skilled workers across web and mobile interfaces, featuring job posting, bidding system, and secure payment processing with Stripe integration.
- Developed real-time messaging system using Django Channels and WebSocket technology, enabling instant communication between clients and workers with typing indicators, read receipts, and optimistic UI updates for seamless user experience.
- Implemented AI document verification system to automatically validate worker credentials and certifications, reducing manual review time by 80%.
- Designed scalable backend architecture with Django REST Framework supporting job CRUD operations, advanced filtering/search, bidding management, payment processing, and real-time notifications, deployed on Render with PostgreSQL database.

SKILLS

Frontend Development: Angular, React, Next.js, TypeScript, HTML5, CSS3, Bootstrap, Ant Design

Backend Development: Node.js, Express.js, Django, REST API Design, PostgreSQL, MongoDB

Mobile Development: React Native, SwiftUI

DevOps & Infrastructure: Heroku, Git, GitHub, Webhooks, Automation, CI/CD

AI & Automation: HuggingFace Endpoints, DeepSeek, OpenAI APIs, Cursor

CERTIFICATION

AWS Certified Cloud Practitioner (CLF-C02)

[Linkedin, June 2025](#)

Full-Stack Development 101

[Skillup, June 2025](#)

Integrating AI into Product Architecture

[Linkedin, July 2025](#)

Introduction to MEAN Stack

[Skillup, June 2025](#)