Muhammad Tayyab

Full Stack Software Engineer

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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 Developer

US - Remote
04/2023 - Present

Efani
www.efani.com
America's most secure mobile service.

- **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** (in beta) 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.

MERN Developer

Peshawar, Pakistan
09/2022 - 04/2023

Inqiludio Digital
www.inqiludio.com
Web Design and Marketing agency.

- **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

WorkConnect
11/2024 - 05/2025

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

Full-Stack Development 101

Skillup, June 2025

Introduction to MEAN Stack

Skillup, June 2025