

Muzzammil Zia

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WORK EXPERIENCE

SaaS Innovations

Poland (Remote)

Full Stack Engineer

Nov 2023 - Present

- **Tech-Stack:** ReactJS, NextJS, NodeJS, MongoDB, ExpressJS, SvelteKit, Framer (Web builder).
- **Tools:** TypeScript, Git, AWS S3, Stripe, Paypal, Playwright, Jest.
- **Projects:**
 - **OperatingPro:** Developed a SaaS solution for managing employees, entities, events, and transactions with a robust role-based access control system and integrated Stripe for seamless payment processing. Led frontend development with automated testing.
 - **Airplay Direct:** Designed and implemented the frontend for a dual-site platform, including a marketing-focused landing page and a user portal for managing songs, marketing campaigns, and releases, enhancing user experience and functionality.
 - **Svelte Calendar Package:** Independently built a dynamic calendar package, featuring smooth navigation and Gantt chart views, optimized for performance and seamless user interaction without external libraries.

Professionals Tech

Karachi, Pakistan (On-Site)

Full Stack Developer

Dec 2022 - Nov 2023

- **Tech-Stack:** ReactJS, NextJS, ExpressJS, MongoDB, PostgreSQL.
- **Tools:** Git, AWS S3, Stripe, Paypal, Sequelize, Sockets, Postman
- **Projects:**
 - **Tiptop Career Fair:** Designed and developed the user interface for a virtual career fair application, implementing state management and collaborating on real-time chat functionality for enhanced communication between candidates and organizations.
 - **Beauty Bar:** Served as a Backend Developer for an e-commerce platform, crafting and fine-tuning APIs, enforcing access control measures, and defining the database schema to support functionality while rigorously testing APIs.
 - **CellPhone Store POS Application:** Contributed as a backend developer to a POS application for cell phone stores, focusing on API development, access control measures, and database schema implementation.
 - **FANS:** Developed static pages and converted HTML/CSS into React components for a platform enabling politicians to order promotional materials, and integrate APIs for dynamic functionality.

Full Stack Intern

Sep 2022 - Nov 2022

- **Tech-Stack:** ReactJS, NodeJS, ExpressJS, MongoDB.
- **Tools:** Git, AWS S3.

UNIVERSITY PROJECT EXPERIENCE

Talent Scan

Final Year Project

Roles: Team Lead, Backend Developer, ML Engineer.

Tech-Stack: ExpressJS, MongoDB, AWS EC2, CI/CD,

- Led the development of an AI-driven recruitment platform for automating resume parsing and candidate ranking. Designed the architecture, integrated machine learning models to extract key attributes, and implemented advanced filtering options for employers, ensuring seamless data flow and user experience.

Network Security Encryption Methods

6th Semester Project

Role: Sole Contributor

- Implemented multiple different encryption algorithms used in network security. Including Hill Cipher, Play Fair Cipher, RSA, DSA, Transposition Cipher, Rail Fence and more.

Role: Sole Contributor

- Implementation of MMC, MGC, and GGC models and generation of random numbers with using statistical distributions.

EDUCATION

University of Karachi

Karachi, Sindh, Pakistan

Bachelor of Computer Science

Graduation Date: Dec 2024

SKILLS & INTERESTS

Backend Skills: AWS | ExpressJS | NodeJS | Jest | NestJS

Frontend Skills: ReactJS | NextJS | SvelteKit | Redux | Playwright

Databases: MongoDB | PostgreSQL

Future Interests: Cloud (AWS / Azure) | Cyber Security