

# Muhammad Danish Raza

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## EDUCATION

**Institute Of Business Administration, Karachi, Pakistan - Expected 05/2025**

**Computer Science B.S - CGPA 3.19/4.00**

**Relevant Course Work** – Data Structures, Computer Networking, Computer Architecture and Assembly Language, Objected Oriented Programming, Parallel & Distributed Computing, Database Systems, Operating Systems

**Professional Organization** – IAPS, PSS, CWS, CSS - (Management Team)

## TECHNICAL SKILLS

Programming – Java, Python, HTML, CSS, JavaScript, Typescript

Frameworks – jQuery, Node.js, React.js, Next.js, Express.js

Database – MongoDB, Oracle SQL

Systems – Windows, Kali Linux, Ubuntu

Software Tools – Figma, Trello, Git

## WORK EXPERIENCE

**Heuser Edu – 05/2022-Present**

**In-house Web Developer & Head of Media**

- Designed and developed a [website](#) using React and Next.js providing users with the ability to browse courses, sign up for their preferred programs, and engage in real-time chat with dedicated support for a seamless learning experience.
- Deployed project on Vercel cloud. Connected Google, Meta Pixel and Vercel Analytics to analyze and optimize traffic. Additionally, tools such as Open Graph have been employed to improve search engine optimization.
- Assumed the role of supervisor for an Ed-tech project, overseeing the entire process from lecture shoots to the creation of a Learning Management System (LMS) and website integration.
- Produced and edited weekly videos for marketing purposes, employing trending techniques to create engaging and impactful content.
- Designed and implemented a comprehensive marketing strategy to maximize reach and visibility, targeting the institute's key audience segments.

**Inceptives Media - 10/2020 – 05/2021**

**Video Editor & Content Creator**

- Edited videos for international clients, ensuring high-quality output and adherence to client specifications.
- Organized and maintained data and backups in cloud storage, ensuring data integrity and accessibility for efficient workflow.
- Supported junior editors by providing guidance, feedback, and training under my supervision, fostering skill development, and maintaining consistency in editing standards.

## PROJECTS

**VoxaLink DApp (Full Stack Developer) – Current ~ Cross Platform Web Application**

- Spearheading development of VoxaLink Token, an AI integrated decentralized application (DApp) using React, and Next JS for the front end and Node.js, Express.js, Solidity for backend. Implementing and finetuning pre trained models for AI Voice Transcription and Voice Authentication services integrated with blockchain functionality.
- Effectively collaborating in a team environment using GitHub for seamless code collaboration with other developers ensuring efficient version control and smooth coordination throughout the development process.

**Connect 4 Game. Human vs AI**

- Implemented a Connect 4 game with GUI in Python using the Pygame library, integrating advanced AI algorithms such as Minimax with alpha-beta pruning and genetic modeling. The game provides an interactive experience where players can compete against the AI, showcasing strategic decision-making and intelligent gameplay.
- This project showcases my skills in programming, algorithm design, and simulation.

**Hospital Management System**

- The system had a user-friendly interface created using Next JS, and Tailwind CSS with a login system using Next Auth for added security to help all the staff and patients in managing their appointments, etc.
- The project showcased my expertise in Database management using a relational database, Oracle SQL, and linking it with the react framework to make a full-stack application.

## COURSES & CERTIFICATIONS

Web Development Boot Camp

Python & Ethical Hacking

AWS SAA C03

June 2023

December 2023

Ongoing