Adeen Amir

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EDUCATION

Ghulam Ishaq Khan Institute of Engineering Sciences and Technology (GIKI)   **Topi, PK**
Bachelors of Science in Computer Science | CGPA 3.63/4.00   2021-2025
- **Relevant Coursework:** Data Structures and Algorithms, OOP, Databases, Software Engineering,Operating Systems, Deep Learning, Machine Learning, Natural Language Processing, and Compiler Construction
- Dean's Honour List holder for **5 consecutive semesters**

The Lyceum School   **Karachi, Sindh**
A-Levels | 4 A 1A*   2019-2021

WORK & LEADERSHIP EXPERIENCE

Systems Limited
Global IT Software Solution Company

Intern - Data Science   **July 2023 - Aug 2023**
- Developed an NLP pipeline to extract doctor notes and patient history from transcribed conversations using text lemmatization, stemming, and **BERT**, enhancing data accuracy
- Created and delivered compelling presentations for **client proposals** on software projects, effectively communicating technical concepts and project benefits

10Pearls
Global IT Software Solution Company

Intern - Web Development   **June 2024 - Aug 2024**
- Developed a full-stack web application using **Next.js**, **Node.js**, and **MongoDB**, implementing **Jest** and **Mocha/Chai** for robust testing, **Pino** for efficient logging, and **SonarQube** for code quality analysis
- Attended workshops aimed at building technical and non-technical skills for the interns and passed 7 assessments with 100% success rate

Project Topi
GlK Institute's Sole Student Run Welfare Society

Event Coordinator   **May 2024 - Present**
- Effectively administered annual budgets exceeding **300,000 PKR**, allocated towards blood camps, speaker sessions, and other events related to welfare
- Led a bimonthly aid program for struggling workers, managing applications from **110 workers** and selecting **25 recipients** while ensuring confidentiality and privacy
- Spearheaded Kishwar-e-Haseen Shad Bad, an event designed to provide career counseling and skill development sessions to **150+ students** from underprivileged areas from **5 different schools and colleges**

PROJECTS

PowerUp - Your Wellness Partner
- Redesigned the **PowerUp** website front end using **Next.js**, **React.j**s, and **Tailwind**, while integrating the app with **Apple HealthKit** and **Android Health Connect** via **React Native** and **Expo** to sync health data
- Developed an **AI-powered feature** to extract and analyze blood pressure data from images of machines and automating user input on both platforms.

KairosAI - AI Tool for Automating Job Applications
- Developed **KairosAI**, an AI-powered platform using **Next.js**, **Node.js**, and **OpenAI** to parse and optimize resumes, classifying candidates and recommending job opportunities based on skill level
- Implemented **web scraping** with **Cheerio** to gather job listings from **LinkedIn**, **Indeed**, and **Glassdoor**, and stored resumes in **Supabase** with **PostgreSQL** and **NeonDB** for efficient data management
- Integrated a **chatbot** for mock interviews and an **autofill plugin** to streamline the job application process

SKILLS, ACTIVITIES & INTERESTS

Technical Skills: ReactJS, NextJS, JavaScript, Node, ReactNative, SQL(Postgres, MongoDB, MySQL), Supabase, C, C++, OpenAI, RES-Net,OpenCV, Keras, Pandas, TensorFlow