



Muhammad Taimoor Khan

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EDUCATION

Ghulam Ishaq Khan Institute for Engineering Sciences and Technology

Bachelor of Science in Computer Engineering

Topi, PK

2019 - 2023

WORK EXPERIENCE

Tameer-e-Khalaq Foundation

IT Intern

May 2022 – August 2022

- Managed and maintained the organization's database for new hirings, ensuring the accuracy and completeness of employee records.
- Collaborated with the technical support team to troubleshoot and resolve IT-related issues, such as software & hardware problems.
- Assisted with the setup and maintenance of computer systems and software, including installation and updates.

NonAcademy

R&D Intern

May 2022-June 2022

- Designed and developed a user interface using Figma for a React.js web application, demonstrating proficiency in HTML, CSS, and JavaScript.
- Utilized React.js to implement the user interface design, adhering to design guidelines and ensuring a seamless user experience.
- Collaborated with team members to identify and troubleshoot technical issues, ensuring timely delivery of the final product.

LEADERSHIP EXPERIENCE

ACM Student Chapter – GIKI

Chairman Developer's Cell

July 2022 – May 2023

- Conducted a successful 2-day workshop on Introduction to Data Science, imparting knowledge to students on data analysis and interpretation, data modeling, and machine learning techniques.
- Organized and led a 3-day workshop on C++ programming for freshmen, covering fundamental concepts such as data types, loops, and functions, resulting in a better understanding of the language.
- Orchestrated the ICPC Asia West Regional, which involved coordinating teams, liaising with sponsors, and ensuring smooth operations of the event's systems.
- Managed the International Conference on Emerging Technologies, overseeing the event's logistics, sponsorships, marketing, and communications, contributing to its success and increased visibility.

ACADEMIC PROJECTS

- Final Year Project:** Our project involved developing a deep convolutional neural network using the Food datasets obtained from Kaggle to recognize different types of food and track their caloric content. We trained a supervised model that classified the food based on texture and calculated calories per 100g. The application was built using React-Native as the frontend framework, allowing for easy cross-platform deployment.
- Full Stack Web Application:** Developed a Full Stack Web Application for ACM Chapter using ReactJS as the frontend technology and ExpressJS as the backend technology, with MongoDB serving as the database service. The app was deployed on nginx, managed through Digital Oceans Cloud Services. Incorporated a CI/CD pipeline using Jenkins and GitHub webhooks and containerized the application using Docker, providing greater flexibility and scalability.

ADDITIONAL

Software Skills: Python, NumPy, Pandas, JavaScript, ReactJS, Angular, React-Native, ExpressJS, SQL, MongoDB, Matplotlib, seaborn, Git, Docker, Jenkins, Ansible, Terraform

Soft Skills: Communication, Teamwork, Problem-Solving, Time Management

Hobbies: Video Gaming, Sports (Cricket, Football), Reading Tech Articles

