

KANWAR AMMAR ALI

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EDUCATION

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NED University Of Engineering Of Technology
Bachelors of Engineering in Computer Systems

Karachi - Pakistan

2018 – 2024

- Spearheaded the management of two major events, AI fest 1.0 and AI fest 2.0, as a vital member of the university's AI club, resulting in a 20% increase in turnout to 500+ attendees from the previous year, and leveraging effective networking to enhance overall event success.
- Led the development of an AI-driven drone for my Final Year Project, showcasing expertise in autonomous navigation, object and human detection, and innovative gesture-controlled operational modes such as surveillance, photo capture, and person-following. Implemented cutting-edge Machine Learning and AI technologies in collaboration with third-party drone control libraries for comprehensive event coverage.

EXPERIENCE

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WonderTree
IT Services and IT Consulting / E-Learning Providers
MERN Stack Engineer

Karachi - Pakistan

July 2022 – Present

- As a MERN Stack Engineer at WonderTree since July 2022, I spearheaded the development of an in-house Learning Management System (LMS) from scratch, implementing comprehensive features including authentication, certification generation, and detailed reporting for learners.
- Demonstrated versatility in handling full-stack development responsibilities for the LMS, encompassing backend logic, frontend interfaces, and database management, along with the integration of advanced features like embedded documents, forms, SCORM player, and quizzes.
- Employed my expertise in MongoDB, Express, ReactJS, and NodeJS to ensure robust system architecture, efficient data traffic analysis, and the presentation of digital summaries to platform administrators and users, while maintaining adaptability across various database technologies and product shifts.

CodeBustersPro
IT Services and IT Consulting
Jr. Software Engineer

Karachi - Pakistan

Oct 2021 – Mar 2022

- Initiated my career in October 2021 as a Jr. Software Engineer at CodeBustersPro, focusing on developing backend infrastructure for a proprietary React library app aimed at enhancing user interaction with images, alongside contributing to a music application integrating Spotify and Deezer APIs.
- Actively participated in product management, contributing to backend design and development while advising on product enhancements and UI/UX adjustments, demonstrating a balanced proficiency in both backend and frontend domains.
- Demonstrated expertise in full-stack development, including responsive design and efficient data fetching, with proficiency in MongoDB, Express, ReactJS, and NodeJS, ensuring the creation of scalable web applications and reusable components.

PERSONAL INFORMATION

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- Volunteered at +92Disrupt, actively contributing to the organization and execution of the event, showcasing commitment to the tech community and collaborative skills.
- Represented WonderTech at Slush'd, demonstrating strong ambassadorial skills and the ability to engage with the global tech ecosystem effectively.
- Participated in Google conferences and DevFests, enhancing professional development through engagement with cutting-edge technologies and industry best practices.
- Contributed as a key member of the course structuring team for the Unity Developer program at AshreiTech, demonstrating expertise in curriculum design and a commitment to educational excellence in tech.