

Muhammad Khizar Aslam

Full Stack Developer

Driven Electrical Engineer with a growing passion for web development. I enjoy bridging the gap between hardware knowledge and user needs, utilizing my analytical skills to build performant and engaging web experiences. Eager to join a team where I can learn and grow as a full-stack engineer.

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Lahore

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EDUCATION

B.Sc. Electrical Engineering

University of Engineering and Technology

10/2024 - 06/2024

Lahore

Courses

- Computer Networking
- Relational Databases
- OOP
- DSA

F.Sc. Pre-Engineering

Govt. Murray Graduate College

09/2018 - 09/2020

Sialkot

WORK EXPERIENCE

Full Stack Development Internship

Intelgenic

06/2023 - 08/2023

Lahore

Achievements/Tasks

- Dynamic User Interface for Data Visualization Platform
- My role as a Front-End Development Intern involved enhancing the user interface of a web-based data visualization tool. The project's goal was to improve the interactivity and usability of the platform, allowing users to create and customize data visualizations more intuitively.
- Implemented interactive data visualization features using D3.js, enabling users to manipulate graphs and charts in real-time.
- Developed reusable React components for various visualization options, improving the development workflow and consistency across the platform. - Collaborated with the UX team to redesign the user interface, focusing on usability and responsive design principles
- Participated in agile development cycles, contributing to sprint planning, stand-ups, and retrospectives.
- Successfully integrated new visualization features

CERTIFICATES

Certified in React.js

Certified in MySQL

Certified in node.js

SKILLS

Javascript

React.js

Node.js

Next.js 14

Express.js

MongoDB

MySQL

Tailwind CSS

Bootstrap

C++

PROJECTS

WatchVid

- Watch-Vid, a video-sharing platform, is developed using MERN stack with firebase.
- <https://watch-vid.netlify.app>

Socialize

- Socialize is built using MERN stack. It features user profiles, posts, comments, and basic social interactions, offering a platform for engaging with a virtual community.
- <https://socialize-web-app.netlify.app>

Ristorante Italiano

- Developed a restaurant website using Next.js with Prisma. This learning project showcases proficiency in building dynamic web applications, integrating various technologies for a comprehensive solution.
- <https://ristorante-italiano-web-app.vercel.app>

Smart Plug

- Designed a Smart Plug system for remote control of electrical appliances. Implemented with an ESP32 microcontroller and WiFi module for hardware communication. Developed a Node.js backend utilizing MQTT for efficient data transfer with the HiveMQ broker, and created an interactive JavaScript-based user interface for web-based control.

Driver Drowsiness Detection System (FYP)

(09/2023 - Present)

- Developing a Driver Drowsiness Detection System using AI for real-time monitoring of driver fatigue, enhancing road safety.
- Leading the development of a comprehensive Next.js website interface to seamlessly integrate and display real-time data from the AI-driven Driver Drowsiness Detection System via socket.io.

LANGUAGES

Urdu

Native or Bilingual Proficiency

English

Professional Working Proficiency

Punjabi

Native or Bilingual Proficiency

INTERESTS

Cricket

Football

Global Politics

Literature

History