

Muhammad Khizar Aslam

Full Stack Developer

Driven Electrical Engineer with a 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.

m.khizar.aslam17@gmail.com

+923097124383

Lahore

mka17.vercel.app/

linkedin.com/in/m-k-aslam-a515542b4

github.com/MKA-17

EDUCATION

B.Sc. Electrical Engineering

University of Engineering and Technology

10/2020 - 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

- My role as a Full Stack 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

HackerRank Certified in React.js

HackerRank Certified in MySQL

HackerRank Certified in Node.js

SKILLS

Javascript

React.js

Node.js

Next.js 14

Express.js

MongoDB

MySQL

Tailwind CSS

Bootstrap

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 with the HiveMQ broker, and created a 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

INTERESTS

Cricket

Football

Global Politics

Literature

History