Muhammad Waleed Amir

Professional Title

Aspiring Computer Scientist with strong expertise in MERN stack development and a solid foundation in software engineering principles. I am seeking opportunities to apply in full-stack development to real-world challenges, while continuously enhancing my skills and contributing to team success.

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WORK EXPERIENCE

Title/Position
IIFA Tech

05/2024 - Present   *Lahore, pakistan*

Achievements/Tasks

- Worked on developing and maintaining dynamic web applications using the MERN stack. Implemented dynamic routing and navigation in various projects, ensuring a smooth user experience. Collaborated with cross-functional teams to design and deploy full-stack applications.

PERSONAL PROJECTS

Car-Connection
- Built a platform for connecting car showrooms and sellers, where sellers can list their cars and only showroom dealers can view them. Developed dynamic routing and integrated MongoDB for managing user data. Implemented authentication and authorization features for secure access control.

Kanban Board (Trello Clone)
- Created a task management system inspired by Trello's Kanban board using React.js and MongoDB. Integrated CRUD operations for task management, with the ability to create, update, and move tasks between columns. Utilized React hooks for state management and optimized the application for performance.

Car Management System (OOP Project)
- Developed a car management system utilizing object-oriented principles. Implemented features for car registration, sales, and inventory management using C++.

Data Structures and Algorithms Projects
- Built various projects showcasing algorithm efficiency and data structure implementation, including search and sort algorithms and complex data handling systems.

EDUCATION

Study Program
University of Management and Technology

Lahore

SKILLS

MERN Stack   JS   C/C++   Python

React.js, Express.js

Tools: Git, Trello, Visual Studio Code

Concepts: Object-Oriented Programming (OOP), Data Structures and Algorithms (DSA)

Skill   Databases: MongoDB, SQL

Additional Skills: REST APIs, Dynamic Routing, Kanban Methodology

LANGUAGES

Urdu English
Full Professional Proficiency

INTERESTS

software development

solving complex technical challenges

university projects and coding competitions

continuous learning

skills to create practical solutions.