

# MUHAMMAD RAMZAN



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Mianwali, Punjab – Pakistan

## OBJECTIVE

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Recent Software Engineering graduate with hands-on experience in both **frontend development** and **machine learning**. Proficient in **HTML, CSS, JavaScript, React.js, Bootstrap, Tailwind CSS**, and well-versed in developing user-friendly, responsive web interfaces. Skilled in **Python** for data science and machine learning, with experience using **NumPy, Pandas, Matplotlib**, and related libraries to build predictive models. Demonstrated ability to design and develop functional web applications and implement data-driven solutions using machine learning.

## SKILLS

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- **Programming Languages:** HTML, CSS, JavaScript, Python
- **Web Technologies & Frameworks:** React.js, Bootstrap, Tailwind CSS
- **Database Systems:** MySQL, MongoDB (using Atlas)
- **Machine Learning:** Data Preprocessing, NumPy, Pandas, Scikit-learn, Matplotlib
- **Version Control:** Git, GitHub
- **Design Tools:** Adobe Photoshop, Illustrator, Figma (or specify tools you use)

## EDUCATION

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- **BS Software Engineering** 2021 – 2025  
University of Mianwali  
CGPA: **3.06 / 4.00**
- **Intermediate – FSc Pre-Engineering** 2018 – 2020  
Superior College of Commerce, Jauharabad  
Marks: **811 / 1100**
- **Matriculation – Science Group** 2016 – 2018  
Government Higher Secondary School, Wan Bhachran  
Marks: **971 / 1100**

## PROJECTS

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### \* Scientific Calculator:

**Technologies Used:** HTML, CSS, JavaScript

Developed a simple scientific calculator as a practice project using core front-end technologies. The calculator supports basic arithmetic operations including addition, subtraction, multiplication, and division. This project enhanced my understanding of DOM manipulation, event handling, and user interface design in web development.

### \* Student Marks Prediction Model:

**Technologies Used:** Python, NumPy, Pandas, Matplotlib

Developed a simple machine learning model to predict student performance based on study hours. The model takes the number of study hours as input and predicts the corresponding percentage of marks. This practice project helped strengthen my skills in data preprocessing, linear regression, and data visualization using Python libraries.

### \* UI of Pizza Delivery Website:

**Technologies Used:** HTML, CSS, JavaScript

Designed and developed a simple user interface for an online pizza delivery website. The project includes a registration form and an “Order Now” feature that allows users to place pizza orders. This practice project improved my front-end development skills, including form handling, button interaction, and responsive UI design.

### \* UI of Movie Zone Clone:

**Technologies Used:** HTML, CSS, JavaScript, React.js

Developed a clone of the MovieZone website using modern front-end technologies. The application features multiple movie categories, and users can navigate through different sections to view movies based on their selected category. This project enhanced my skills in component-based architecture, state management, and dynamic rendering using React.js.

## Final Year Project(Online Automobile Community)

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**Technologies Used:** HTML, CSS, MongoDB, Node.js, React js, Python, NumPy, Pandas, Matplotlib

- \* Developed a scalable Online Automobile Community website using HTML, CSS, and JavaScript for front-end animations, creating a responsive and visually appealing user interface.
- \* Facilitated project planning, task scheduling, resource allocation, and time tracking to optimize team workflows and improve project efficiency.
- \* Developed an **Online Automobile Community** platform offering services such as car buying, selling, and washing. Integrated a machine learning model to automatically estimate the car's price based on user input, including the number of seats and distance traveled. The model processes the input data and returns a predicted price as output.

- \* Implemented **JWT-based authentication** and **role-based access control** to protect user data and ensure secure access across all modules.
- \* Designed **role-based dashboards** for admins, service providers, and customers to deliver a tailored and intuitive user experience.

## CERTIFICATION & ACHIEVEMENTS

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| <b>*Event Manager – CodeQuest Programming Competition</b>  | <b>2024</b> |
| <i>University of Mianwali</i>  |             |
| <ul style="list-style-type: none"><li>• Successfully managed and organized a campus-wide competitive programming event, ensuring efficient coordination and flawless execution.</li><li>• Demonstrated strong leadership, collaboration, and strategic event planning skills within an academic environment.</li></ul> |             |
| <b>*Graphic Design</b>   | <b>2024</b> |
| <i>Learning with Earn</i>  |             |
| <ul style="list-style-type: none"><li>• Completed a professional certification in Graphic Design, with hands-on experience using Adobe Illustrator and Photoshop.</li><li>• Actively working on various assignments and mini projects to apply and enhance design skills through this opportunity.</li></ul>           |             |
| <b>*Computer Operator</b>  | <b>2020</b> |
| <i>Shahu-khel Cotton Industry, Mianwali, Punjab, Pakistan</i>  |             |
| <ul style="list-style-type: none"><li>• Performed data entry and documentation tasks using various computer software, including Microsoft Word and Excel.</li><li>• Maintained accurate records and supported administrative operations to ensure smooth workflow within the organization.</li></ul>                   |             |
| <b>*Event Manager</b>  | <b>2025</b> |
| <i>University of Mianwali</i>  |             |
| <ul style="list-style-type: none"><li>• Managed and organized a departmental event hosted by the Software Engineering Department, focused on raising awareness about the field of Artificial Intelligence and other IT-related domains.</li></ul>  |             |