

Zahra Yasin

Front-End Developer | Web Designer | AI Practitioner & Problem Solver

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EDUCATION

Punjab University College of Information Technology, Lahore Pakistan

Bachelor of Science in Information Technology - 3.76/4.00

Dec 2021 - May 2025

Relevant Coursework: Data Structures and Algorithms, Object Oriented Programming, Operating Systems, Database Systems, Web Technologies, Artificial Intelligence, Information Security, Cyber Security

SKILLS

- **Languages:** C++/C, JavaScript, Java, Python
- **Frameworks:** React JS, Tailwind CSS, Bootstrap
- **Databases:** MySQL, Oracle, Mongo DB
- **Tools:** Git, GitHub, Visual Studio Code, Eclipse, Postman, Figma, Canva

WORK EXPERIENCE

Punjab University College of Information Technology, Lahore Pakistan

Teaching Assistant - Communication and Presentation Skills

Jan 2023 - May 2024

- Assisted in the delivery and preparation of course materials for **Communication and Presentation Skills** course, ensuring alignment with learning objectives.
- Evaluated student presentations and provided detailed feedback to enhance both **communication skills** and overall performance.
- Facilitated workshops and group discussions to improve students' public speaking, communication, and presentation abilities.

PROJECTS

Loop Together: A Carpool Scheduling Platform for Daily Commutes [🔗](#)

2024 - 2025

- Developed a carpool scheduling platform using **React.js, Node.js, MongoDB, and Python**, enabling seamless daily commute planning.
- Implemented **Clerk.js** for **secure authentication**, an **intelligent ride-matching algorithm**, and a **rating system**, enhancing reliability and user trust.
- Designed a **responsive interface with route optimization**, improving efficiency and user experience for commuters.

NeuraMind – AI-Powered Knowledge & Assistance Platform [🔗](#)

2025

- Developed an **AI-driven knowledge platform** leveraging **React.js, Tailwind CSS, Clerk.js, and the Gemini API** for intelligent assistance.
- Implemented **secure authentication, a responsive UI, and real-time interaction**, ensuring a seamless and user-friendly experience.
- Optimized **API performance and AI response handling**, enhancing efficiency, accuracy, and reliability in delivering intelligent insights.

MediConnect – Healthcare Management System [🔗](#)

Jan 2024 - May 2024

- Developed a **web-based healthcare management system** using **HTML, CSS, JavaScript, Bootstrap, Java Servlets, JSP, and MySQL**, enabling efficient patient record management and appointment scheduling.
- Designed **role-specific dashboards** for **doctors, patients, and administrators**, enhancing accessibility and workflow efficiency.
- Implemented **advanced search functionality and robust error handling**, ensuring a seamless and reliable user experience.