TAYYBA HAIDER

+92 342 0381413 ⋄ Lahore, Pakistan 54890

tayybahaider198@gmail.com ⋄ [Linkedin](#) ⋄ [Github](#)

OBJECTIVE

Computer Science student at UET with experience in full-Stack Web development and applied AI. Seeking for an opportunity to apply and expand my technical skills in real-world projects.

EDUCATION

Bachelors of Computer Science, UET Lahore — Expected 2026- *CGPA: 3.476*

SKILLS

Languages: Python, C++, C#
Web Development: MERN Stack (MongoDB, Express.js, React.js, Node.js), Django
Databases: MySQL, PostgreSQL
AI/ML Pandas, NumPy, Matplotlib, Scikit-learn, Deep Learning , NLP , LLMs
Tools: Git, GitHub , VS Code, Postman , PyCharm , Jupyter Notebook , Colab
Soft Skills: Teamwork, Presentation, Project Management, Problem-Solving, Time Management, Adaptability

EXPERIENCE

Web developer — October 2024 - December 2024
Software Square UET — *[csuet.com](#)*

- Developed and maintained the society's website using HTML, CSS, JavaScript, and React.js.
- Collaborated on backend integration.

C++ Programming Intern — October 2023 - November 2023
CodSoft — *[codsoft.in](#)*

- Executed fundamental programming tasks in C++, enhancing logical thinking and problem-solving.
- Improved programming proficiency by 40% through hands-on coding, debugging, and regular evaluations.

PROJECTS

CareCove — *[Link](#)* Developed a full-stack Healthcare Management System using React.js, Node.js, and MySQL, enabling intelligent doctor matching, real-time appointment scheduling, and digital prescription management. Enhanced system efficiency and patient experience, reducing scheduling conflicts by 70%.

Mental Health Chatbot — *[Link](#)* Engineered a Mental Health Chatbot using RAG, BART, Pinecone, and GoogleGenerativeAIEmbeddings, enabling accurate, literature-backed responses for anxiety support. Improved response relevance by 65%, reduced retrieval time by 40%, and ensured clinical relevance using domain-specific literature.

Facial Recognition — *[Link](#)* Developed a facial recognition model from scratch without using pretrained architectures. Built custom dataset and neural network, achieving 40% initial accuracy.

OBE System — *[Link](#)* Built an OBE (Outcome-Based Education) Management System using C# WinForms and MySQL, automating CLO/PLO tracking, student attendance, assignment evaluation, and result compilation. Integrated PDF generation for reports, improving academic data accuracy and reducing manual effort by 60%.

DOS Shell + Notepad — *[Link](#)* Created a command-line DOS shell with integrated Notepad for file editing. Using linked list, stack, and queue data structures for efficient command execution and file handling.

ACHIEVEMENTS

Member of the Month — *[Link](#)* Public Relations Team GDGoC UET — January 2025

Deep Learning specialization Coursera by Andrew Ng — August 2024

SQL (Advanced) Certificate — *[Link](#)* HackerRank — March 2024

Best performance of the year award University of Engineering and Technology — September 2023