

Muhammad Hanan

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Objective

Computer science student with expertise in MERN Stack development and technical leadership. Passionate about building scalable web applications and optimizing user experiences. Seeking opportunities to apply my skills in real-world projects.

Education

University of Engineering and Technology, Lahore, BS in Computer Science (Expected May 2026)

- **Relevant Coursework:** Data Structures and Algorithms, Web Technologies, Enterprise Application Development, Computer Networks, Database Systems, Artificial Intelligence, Machine Learning

Technologies

- **Programming Languages:** JavaScript, TypeScript, Python
- **Web Technologies:** React.js, Node.js, Express.js, MongoDB, TailwindCSS
- **Tools & Platforms:** Linux, Git, Docker, VS Code, Neovim

Projects

TalentTap (MERN Stack Job Platform) [GitHub]

- Built a full-stack job portal where employers can post listings and job seekers can apply in real-time.
- Designed a secure backend with Node.js, Express.js, and MongoDB; implemented JWT-based authentication.
- Developed a responsive React.js + Tailwind CSS frontend with an intuitive job search and application workflow.

ThirdEye (AI-based Currency Recognition for Visually Impaired) [LinkedIn]

- Created a desktop application that recognizes currency for visually impaired users with real-time feedback.
- Trained and deployed a PyTorch model for currency detection, integrated with a Flask-based backend.
- Implemented an accessible audio-guided interface using WCF to improve usability and independence.

Extracurricular & Leadership

Lead - Google Developer Group on Campus (GDGoC) UET NC

- Led **online & on-site tech events**, coordinating logistics, managing sessions, and engaging participants.
- Collaborated with team members and **invited guest speakers** to deliver impactful workshops, hackathons, and networking events.
- Served as an **event host**, introducing speakers and facilitating sessions to enhance audience engagement.

Co-Director - ACM UET New Campus

- Directed **media strategy** and enhanced online presence through event promotion and branding.
- Collaborated with cross-functional teams to organize events such as coding competitions and workshops.
- Led **recruitment efforts** by interviewing and onboarding new members.

Languages

Languages

English (Professional), **Urdu** (Native), **Punjabi** (Native)

References

Available upon request.