

# Muhammad Hanan

hanandevops@gmail.com — +92-309-4853919 — [linkedin.com/in/muhammad-hanan-arshad/](https://linkedin.com/in/muhammad-hanan-arshad/) — [github.com/HananSolves](https://github.com/HananSolves)

## Objective

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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

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**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

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

## Projects

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### 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

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### 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

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

## References

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Available upon request.