MUHAMMAD TALHA KHAN

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OBJECTIVE

Software Engineer with 2+ years of full-stack development experience, seeking full-time software engineering roles.

EDUCATION

Bachelor of Software Engineering, Comsats University Islamabad, Lahore Campus	2021 - 2025
Intermediate in Pre-Engineering, Punjab College, Lahore	2019 - 2021
Matriculation in Science, Divisional Public School, Lahore	2017 - 2019

SKILLS

Technical Skills	MERN Stack, MEAN Stack, Java, Codeigniter, PHP, SQL, NoSQL, Swift React Native, Zapier, NestJS, Vue.js, Django, Photoshop, Selenium, Mabl, Apache JMeter
Soft Skills	Communication, Time Management, Leadership, Creativity
Tools	Git, Docker, Figma, Postman, Jenkins, JIRA

EXPERIENCE

Senior Software Engineer — Sept 2023 - Current
KodeXLabs — *Lahore, Punjab*

- Achieved 40% growth in deployment speed for client apps using Docker, GitHub Actions, and CI/CD.
- Led refactoring of core modules, resulting in 35% faster API response times.
- Developed task management system with real-time updates using React, Node.js, and Socket.IO.

Internee — June 2023 - Sept 2023
ArcturusLogics — *Lahore, Punjab*

- Achieved 25% improvement in frontend performance by optimizing React components and reducing bundle size.
- Led the integration of REST APIs, improving data flow and reducing page load time by 30%.
- Developed an internal dashboard with user analytics using React, Node.js, and MongoDB.

PROJECTS

DeepSort Object Tracker. Built a real-time object tracking system using YOLOv5 and DeepSort, achieving high-speed multi-object detection in live video feeds.

Cloud-Based FYP Automation System. Developed a complete automation system for final-year project workflows using PostgreSQL, React, Node.js, and Sequelize. (View live)

Ezyres Deal Platform. Engineered a real-estate deal management platform using MEAN stack, AWS, and Zapier (webhooks), handling 500+ live listings. (View live)

Donto App. Built a mobile dental booking app with React Native, Node.js, and MongoDB Atlas, supporting real-time appointment scheduling and push notifications.

Ticketing Tool. Created a ticket management dashboard using Angular 18 and Firebase for real-time issue tracking. (View Live)

Genaiva. Developed a real-time restaurant order-taking system using agents, enabling instant order processing and kitchen coordination. (View Live)

EXTRA-CURRICULAR ACTIVITIES

- Enjoy going on trips and exploring new places.

- Passionate about playing cricket regularly.

- Interested in playing video and strategy games.

LEADERSHIP

- Led a team of 4 developers in delivering a full-stack FYP automation system, coordinating weekly standups and sprint planning.

- Served as a core team member of the university tech society, organizing coding bootcamps and project showcases.

- Mentored junior developers on Git, React, and deployment best practices through peer-learning sessions and Discord groups.