

TALAL HASSAN KHAN

Software Engineer

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PROFILE

Software Engineering graduate with hands-on experience in designing and developing responsive web applications using the MERN stack, Next.js, and Node.js. Skilled in crafting intuitive UI/UX designs with Figma and building efficient backend APIs. Adaptable, quick learner, and passionate about creating user-centered digital solutions.

EDUCATION

09/2021 – 07/2025
Wah Cantt

Bachelor of Science in Software Engineering,
COMSATS University Islamabad, WAH CAMPUS
CGPA - 3.83

07/2019 – 07/2021
Wah Cantt

Intermediate in Computer Science (F.Sc - Computer Science),
F.G. Degree College for Men, Wah Cantt
993/1100 - Grade A+

04/2017 – 06/2019

Matriculation in Computer Science, Government Boys High School Fatehullah, Attock
896/1100 - Grade A

PROFESSIONAL EXPERIENCE

07/2025 – Present
Wah Cantt, Pakistan

UI UX DESIGNER, QuipSol

Redesigning outdated client websites into modern, user-friendly, and responsive interfaces, following the latest design principles and best practices.

- Revamped legacy websites to align with modern UI/UX trends.
- Created responsive layouts ensuring optimal performance across devices.
- Improved navigation and usability to enhance user experience.
- Collaborated with developers to ensure seamless design-to-code implementation.

09/2024 – 04/2025
Sargodha, Pakistan

UI UX DESIGNER, HiSkyTech

Honed UI/UX skills by designing user-centered interfaces, collaborating with teams, and enhancing user satisfaction through feedback and prototyping.

- Designed and prototyped user interfaces for multiple projects using modern design tools
- Conducted user research and usability testing to refine design solutions
- Collaborated with developers to ensure seamless implementation of designs
- Created wireframes and high-fidelity mockups to present to stakeholders

07/2024 – 08/2024
Islamabad, Pakistan

Machine Learning Intern, CodexCue Software Solutions

As a Machine Learning Intern at CodeXCue Software Solutions, I have worked on several cutting-edge projects:

- Built an intelligent tip prediction model, achieving up to 85% accuracy, helping users make better financial decisions.
- Improved spam detection accuracy to 92% by combining hyperparameter tuning with advanced preprocessing techniques.
- Developed a dynamic car price prediction model with 90% accuracy, offering valuable insights for potential buyers.

- Created a laptop price estimation tool delivering up to 88% accuracy, ensuring precise and reliable evaluations for users.

PROJECTS

- 09/2024 – 06/2025

SALONSPHERE, Final Year Project
 - **Tech Stack:** Next.js, Tailwind CSS, TypeScript, Node.js, MongoDB, Vercel, Git. Built a scalable full-stack web platform serving as a digital hub for salons and products.
 - **Key features** include real-time salon service bookings, appointment scheduling, vendor registration, Stripe payment integration, and an AI chatbot for personalized support. Designed to streamline salon services for both customers and vendors.
- 06/2025 – Present

LAWYERS CASE DIARY, MERN STACK
 - Developed a web-based system enabling lawyers to efficiently manage and track legal cases with real-time updates on court dates, case progress, and client details.
 - Enhanced workflow accuracy and user experience through seamless data handling and an intuitive, user-friendly interface.
- 09/2023 – 01/2024

QUICKLIFT, A RIDE SHARING APP UI/UX DESIGN
 - A low-fare ride-sharing app UI focused on simplicity and user accessibility.
 - Designed a full app interface including onboarding, ride selection, tracking, and payment flows.
 - Created wireframes, interactive prototypes, and high-fidelity designs using Figma
- 09/2024 – 12/2024

CRYPT2CALL, UI/UX DESIGN PROJECT FOR A SECURE COMMUNICATION APP
 - Designed the interface for Crypt2Call, an encrypted voice and messaging app.
 - Created wireframes, prototypes, and high-fidelity designs for authentication, chat, calls, status updates, communities, and user settings using Figma

SKILLS

- Backend Development:**

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Node.js (built RESTful APIs and handled server-side logic) Express.js, MongoDB, Payment Integration.

Frontend Development:

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HTML, CSS, JavaScript, React.js, Next.js
- UI/UX & Design Tools:**

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Figma (wireframing and high-fidelity UI design), Adobe Illustrator, Adobe Photoshop.

INTERESTS

— crafting intuitive user experiences, building responsive web applications, and exploring emerging design and development trends.