Umar Shaikh

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Bachelor of Technology
Thapar Institute of Engineering and Technology

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 GitHub Profile
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EDUCATION

•**Bachelor of Technology in Electrical and Computer Engineering** *2021-25*

Thapar Institute of Engineering and Technology, Partiala CGPA: 9.07

PERSONAL PROJECTS

•**Gmail UX Case Study**

A UX case study introducing new features to improve user experience in Gmail

- Synthesized findings from 15 hours of secondary research and analysis to uncover user needs and pain points around email organization and efficiency.
- Developed interactive prototypes and supervise usability tests with 10 participants, validating 89% wanted the new features and would increase engagement.
- Refined prototypes based on user feedback, demonstrating 24% improvement in task completion speed with the optimized user flows.

•**TripSync Case Study**

An app that streamlines collaborative trip planning and management for groups.

- Designed mobile travel app through user research with 15 travelers to identify pain points in collaborative trip planning and management.
- Created interactive prototypes using Figma to showcase an intuitive user interface, facilitating efficient group coordination, expense tracking, and planning.
- Lead usability testing with 10 users to refine UX, improving task flows by 20% and achieving 86% user satisfaction ratings.

EXPERIENCE

−**Executive Committee Member - UI UX Head** *Dec 2022 - Present*

ACM Thapar Patiala
* Boosted membership by adding 35 students through a targeted recruitment strategy that reached students from diverse backgrounds and majors.
* Organized and executed 10 workshops and events on a variety of topics related to UI/UX design, with a total attendance of over 500 students.
* Managed a team of 8 students and successfully completed all projects on time and within budget.

−**Lead UI UX Designer** *June - July 2023*

Volaverse- educational metaverse Remote
* Led end-to-end design process for Volaverse website redesign, including user research with 15 target customers, creation wireframes, interactive prototypes that increased click-through rate by 45%.
* Collaborated with a 5-person cross-functional team to optimize site architecture, navigation, and interfaces, reducing bounce rate by 38%.

SKILLS AND CERTIFICATES

Languages: C/C++, JavaScript, HTML+CSS
Cloud/Databases:MongoDB, MySQL
Relevant Coursework: Database Management System, Professional Communication, Humanities for Engineers, Innovation and Entrepreneurship .
UI/UX skills: Figma, Wire-framing, Prototyping, User Research, Usability Testing, Interaction Design, User Flow Design, Information architecture, User interface design.
Areas of Interest: Product Management, UX Design.
Certificates: Introduction to UX Design, Georgia Institute of Technology, June 2023
Google Analytics Certification, Skillshop, Oct 2023
Product Management, Great Learning Academy, Oct 2023

POSITIONS OF RESPONSIBILITY

−**Event Head** Flamingo, Thapar, Patiala *Feb - March 2023*
* Orchestrated Flamingo Design-a-thon 2023 with 250+ participants.
* Promoted cross-functional collaboration and human-centered design methodologies.