Shamsheer Ali Shaik

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SUMMARY

A technically proficient developer with a passion for creating intuitive and engaging user experiences. Leverages a strong foundation in full-stack development to build functional and user-centered digital products. Experienced in the end-to-end UX design process, including user research, wireframing, prototyping, and usability testing.

SKILLS

- **UX/UI Design:** User Research, Personas, User Flows, Wireframing (Figma, Adobe XD), Prototyping, Usability Testing, Interaction Design, Information Architecture, Cross-browser Compatibility
- **Programming Languages:** JavaScript, HTML, CSS, Python, Java, C#, C++
- **Tools & Technologies:** Unity, Git, GitHub, AWS, SQL, MongoDB, Neo4j, Google APIs
- **AI/ML:** NLP, API Integration, Diffusion Models
- **Libraries & Frameworks:** React, Django, FastAPI, Streamlit, OpenCV, TensorFlow, PyTorch

EDUCATION

Google UX Design Professional Certificate
Coursera

Master of Science - Computer and Information Sciences (GPA: 3.63)
Oklahoma State University
08/2023 – 05/2025

Bachelor of Technology - Information Technology
RVR & JC College of Engineering
06/2019 – 05/2023

PROFESSIONAL EXPERIENCE

Video Game Development Mentor   06/2024 – 05/2025 | USA
Oklahoma State University
- Mentored and guided over 20 student teams in the development of video game projects using the **Unity Engine** and **C#**.
- Ensured high-quality code and seamless collaboration by overseeing **source code management**, branch strategies, and pull requests for all student projects using Git and GitHub.

UX Designer & Web Developer
- **Led the UX design process** from conception to implementation, conducting user research to define requirements and creating wireframes and interactive prototypes to visualize solutions.
- Optimized web components using **PHP, JavaScript, and SQL** to boost application performance by 30% and designed front-end features ensuring 100% cross-browser compatibility, enhancing web application load times by 25%.
- Conducted **usability testing** and resolved identified bugs, which significantly simplified the **user experience (UX)** and improved task completion rates.

PROJECTS

Star Lander – Unity Game Development ✎
- Designed and developed a 2D space navigation game with a focus on **intuitive player controls** and clear **audio-visual feedback** to create an engaging and learnable **user experience**.
- Architected a **user interface (UI)** system, including a rules pop-up and persistent display, to effectively communicate game state and progress to the player, reducing cognitive load.

Snap & Translate: The Language Playground ✎
- Engineered a **mobile application** in **Unity (C#)** that utilizes the **Google Vision** and **Translate APIs** to capture images, identify objects in real-time (60 images/min), and automatically translate the descriptions, creating a seamless tool for language learning.
- **Designed** and implemented an intuitive **user interface** that simplifies the complex technology behind the app. The **UI** provides clear **visual feedback** during capture and processing, ensuring a smooth, educational, and engaging **user experience** from start to finish.

Art Gallery Database Management System ✎
- Designed and developed a **full-stack web application** with a robust **MySQL** database for managing artwork, artists, customers, and sales, leading to a 40% increase in data management efficiency.
- Created a **user-centered front-end interface** for the art gallery using **HTML**, **CSS**, and **JavaScript**. The intuitive design reduced user errors by 30% by simplifying complex data entry tasks and providing clear navigation, making the system accessible for all administrative users.

LEADERSHIP & INVOLVEMENT

Indian Student Association, Oklahoma State University   08/2024 – 05/2025
Cultural Secretary
- Led a team of 20 in the end-to-end execution of large-scale cultural events, from initial concept and **design of promotional flyers** and **posters** to seamless on-site coordination, enhancing cultural awareness and driving student engagement.

Make A Difference(MAD)   03/2022 – 06/2023
Academic Support Volunteer
- Enhanced instructional skills by teaching a year-long educational program, delivering impactful lessons and mentoring over 15 students, while fostering a supportive and engaging learning environment that significantly increased teaching effectiveness.

CERTIFICATES

- The Complete Java Certification Course ✎
- AWS Academy Graduate - AWS Cloud Foundation ✎
- Start the UX Design Process: Empathize, Define, and Ideate ✎
- Complete C# Unity 3D Game Development ✎
- Foundations of User Experience (UX) Design ✎
- Build Wireframes and Low-Fidelity Prototypes ✎