Muhammad Zohaib Yar Khan

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SUMMARY

Software Engineering student at COMSATS University Lahore with a strong foundation in Flutter and Next.js development. Experienced in building modern, user friendly web and mobile applications with practical skills in API integration, state management, and database handling. Known for strong communication skills, supported by a solid academic background, and a proactive approach to teamwork. Driven by curiosity and a commitment to continuous learning, I consistently seek opportunities to grow and contribute effectively in dynamic environments.

SKILLS AND STRENGTHS

- **Next.js**
- **HTML, CSS, Javascript**
- **Typescript**
- **Unity**
- **Flutter**
- **SQL, MongoDB, Firebase**
- **Collaborative Development**
- **Augmented Reality**
- **Tailwind**
- **Strapi**
- **Payload**
- **C#**

PROJECTS EXPERIENCE

- **Starbucks Clone - Website built using Next.js**

  Website built using Next.js v15, strapi v5, tailwind v4 and with 95+ performance on page speed insights. Used efficient data fetching techniques while coding. View Website.

- **Planets AR**

  Developed an interactive Planets Augmented Reality (AR) mobile application using Unity 6 and the ARCore XR Plugin.

- **Flappy Bird Clone**

  Developed in Unity using C#, implementing core mechanics like randomized pipe generation, precise collision detection, scoring, and intuitive touch controls.

- **Formulated - F1 Schedule and Community Mobile Application**

  Implemented API integration, data handling, data storing, user authentication and engagement features in the app.

- **Geography Quiz Website**

  Developed an interactive quiz platform using Next.js v15 and Tailwind CSS where users guess countries based on their neighboring nations. View Website

- **RAG System**

  Built and fine-tuned Hugging Face open-source LLMs and integrated them with a robust, indexed knowledge base to create an intelligent RAG system

EDUCATION

- COMSATS University Islamabad, Lahore Campus | 2022 – Present | CGPA: 3.46 (7th Semester)
- Forman Christian College (Pre-Engineering) | 2020 – 2022 | 78%
- Lahore Grammar School (Matric CS) | 2018 – 2020 | 88.9%

CERTIFICATES

- Introduction to Augmented Reality and ARCore
- Participation in Competitive Programing LOOPVERSE'25