

RANA SHAHZAIB NASIR

COMPUTER SCIENTIST

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About me

I am a Computer Science student with strong programming skills and a passion for problem solving. I thrive on tackling challenges and contributing to innovative projects, constantly seeking opportunities to learn and grow within dynamic environments.

Skills & abilities

- **LLM Implementation:** Proficient in LLM applications like RAG pipelines.
- **Machine Learning:** Strong background in ML.
- **Full-Stack Development:** Focused on Next.js and Node.js.
- **Database Management:** Skilled in scalable database design.
- **Game Development:** Solid experience with Unity.
- **Communication & Teamwork:** Effective collaborator with strong communication skills.
- **Versatile Developer:** Adept across AI, web, and game development.

Experience

UPWORK

RAG pipeline implementation | August 2024

- Developed and maintained a proper RAG based application for a client's personal data. Created a robust RAG pipeline handling versatile user queries.
- Incorporated the application in a NEXTJS + Django based web application making it accessible and scalable.

MLABS, MINDSTORM STUDIOS

Game developer | July 2024 – August 2024

- Designed and built a slingshot based hyper-casual game for a game jam.
- Worked with a wonderful team to create a fun and creative hyper-casual game based on food and slingshots.

PERSONAL PROJECT

Digital Image processing | March 2024

- Built a selective color grading application inspired by lightroom.
- Used OpenCV for image processing and performing custom functionality on the image.
- Incorporated it in a flask application

Education

COMSATS UNIVERSITY ISLAMABAD

September 2022 – Ongoing | BS in Computer Science

Earned a 3.65 CGPA and completed relevant coursework in web development, database management, and software engineering.
