Hassam Aziz

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Professional Summary — Versatile and results-oriented Software Engineer with a strong foundation in full-stack web and mobile development, AI integration, and UI/UX design. Skilled in building scalable applications using the MERN stack, React Native, and RESTful APIs. Experience in deploying AI-powered solutions that use LLM and cloud-based tools. Demonstrates strong problem solving skills, user-focused mindset, and the ability to work in fast-paced, collaborative environments.

Education

Government College University, Faisalabad   **2021 - 2025**
Bachelor of Science in Information Technology — CGPA: 3.57   *Faisalabad, Pakistan*

Technical Skills

Languages JavaScript, Python, Java, C++, SQL, GDScript	**Databases** MongoDB, MySQL, Firebase (Firestore)
Frontend HTML5, CSS3, Tailwind CSS, Bootstrap, GSAP, React.js, Redux, React Native, Next.js	**AI/ML** LLMs, RAG, OpenAI API, Pandas, NumPy, Matplotlib, Groq
Backend Node.js, Express.js, Firebase, REST APIs	**Tools** Git, GitHub, VS Code, Android Studio, IntelliJ, Photoshop, Figma, Streamlit, Hugging Face

Projects

Lost Horizon — 2D Platformer Game   **2025**
Godot Engine, GDScript
– Developed a multi-level Metroidvania-style 2D adventure game with dynamic combat and AI-driven enemies.

Zentry — Animated Web App   **2025**
React.js, Tailwind CSS, GSAP
– Created an interactive single-page website with smooth animations using GSAP and React hooks.

Student Management System — MERN Stack   **2022**
MongoDB, Express.js, React.js, Node.js
– Built a secure admin dashboard with role-based authentication and real-time CRUD functionality.

Experience

IT Services Department — GCUF   **Jun 2024 – Aug 2024**
Networking Intern   *Faisalabad, Pakistan*
– Cisco routers, switches, and firewalls configured to ensure a stable network for more than 500 campus users.
– Documented configurations and maintenance logs to support system upgrades and audits.

Certifications

UI and UX Design with Photoshop — Corvit Systems	2025
Introduction to UI/UX Design — Le Wagon	2024
Python Programming Fundamentals — UniAthena (CIQ)	2024
Web And Mobile App Development — Saylani Mass IT Training Program	2022

Presentations & Exhibitions

Innovative Lyallpur 3.0 — The University of Faisalabad   **2025**
Presenter — Lost Horizon Game   *Faisalabad, Pakistan*
– Presented a 2D platformer game with AI mechanics and level design at inter-university tech fair.
– Earned praise for creativity, use of custom enemy AI, and design of the game.

Achievements & Activities

CodeCRUD Competition — GCUF IT Department   **2023 - 2024**
1st Place Winner — IT Quiz Competition   *Faisalabad, Pakistan*
– Won department-wide quiz competition among 60+ students by securing the highest number of correct answers.
– Actively participated in hackathons and technical quizzes to improve software development skills.