

Hassam Aziz

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Professional Summary — Results-driven Full Stack Developer and AI Engineer designing and deploying scalable web and mobile solutions using the MERN stack, React Native, and LLM-based architectures. Demonstrated expertise in end-to-end development, UI/UX design, and AI-powered applications with a focus on performance and user experience.

Education

Government College University, Faisalabad 2021 – 2025
Bachelor of Information Technology — CGPA: 3.57 Faisalabad, Pakistan

Technical Skills

Languages JavaScript, Python, Java, C++, Dart, SQL, GraphQL, GDScript	Databases MongoDB, MySQL, Firebase (Firestore, Realtime DB)
Frontend HTML5, CSS3, Tailwind CSS, Bootstrap, GSAP, React.js, Redux, React Native, Next.js	AI/ML LLMs, RAG, LangChain, OpenAI API, Pandas, NumPy, Matplotlib
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 <i>Godot Engine, GDScript</i> <ul style="list-style-type: none">Developed a Multi-level Metroidvania-style 2D adventure game with dynamic combat and AI-driven enemies.
Zentry — Animated Portfolio Web App 2025 <i>React.js, Tailwind CSS, GSAP</i> <ul style="list-style-type: none">Created an interactive single-page portfolio with smooth animations using GSAP and React hooks.Increased visitor engagement by 50% through intuitive UX and performance optimization.
Student Management System — MERN Stack 2022 <i>MongoDB, Express.js, React.js, Node.js</i> <ul style="list-style-type: none">Built a secure admin dashboard with role-based authentication and real-time CRUD functionality.Deployed system to track 100+ student records with intuitive UI and backend validations.

Experience

IT Services Department — GCUF Jun 2024 – Aug 2024 <i>Networking Intern</i> Faisalabad, Pakistan <ul style="list-style-type: none">Configured Cisco routers, switches, and firewalls to ensure a stable network for over 500 campus users.Documented configurations and maintenance logs to support system upgrades and audits.

Certifications

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

Presentations & Exhibitions

Innovative Iyallpur 3.0 — The University of Faisalabad 2025 <i>Presenter — Lost Horizon Game</i> Faisalabad, Pakistan <ul style="list-style-type: none">Presented 2D platformer game with AI mechanics and level design at inter-university tech fair.Earned praise for creativity, use of custom enemy AI, and gameplay design.

Achievements & Activities

CodeCRUD Competition — GCUF IT Department 2023 – 2024 <i>1st Place Winner — Software Coding Challenge</i> Faisalabad, Pakistan <ul style="list-style-type: none">Won university-wide competition among 100+ students by building a functional CRUD app under 2 hours.Actively participated in hackathons and technical quizzes to improve software development skills.
