

# 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. Experienced with deploying AI-powered solutions leveraging LLMs and cloud-based tools. Demonstrates strong problem-solving skills, a user-focused mindset, and the ability to work in fast-paced, collaborative environments.

## Education

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

## Technical Skills

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

## Projects

<b>Lost Horizon — 2D Platformer Game</b> <span>2025</span> <i>Godot Engine, GDScript</i> <ul style="list-style-type: none"><li>Developed a Multi-level Metroidvania-style 2D adventure game with dynamic combat and AI-driven enemies.</li></ul>
<b>Zentry — Animated Web App</b> <span>2025</span> <i>React.js, Tailwind CSS, GSAP</i> <ul style="list-style-type: none"><li>Created an interactive single-page Website with smooth animations using GSAP and React hooks.</li></ul>
<b>Student Management System — MERN Stack</b> <span>2022</span> <i>MongoDB, Express.js, React.js, Node.js</i> <ul style="list-style-type: none"><li>Built a secure admin dashboard with role-based authentication and real-time CRUD functionality.</li></ul>

## Experience

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

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

## Presentations & Exhibitions

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

<b>CodeCRUD Competition — GCUF IT Department</b> <span>2023 - 2024</span> <i>1st Place Winner — IT Quiz Competition</i> <span>Faisalabad, Pakistan</span> <ul style="list-style-type: none"><li>Won department-wide quiz competition among 60+ students by securing the highest number of correct answers.</li><li>Actively participated in hackathons and technical quizzes to improve software development skills.</li></ul>
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