

# Hassam Aziz

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## EDUCATION

### Government College University Faisalabad

*Bachelor of Information Technology — CGPA: 3.57*

2021 – 2025

Faisalabad, Pakistan

### Punjab Group of Colleges

*FSc Pre-Engineering — 76.5%*

2019 – 2021

Faisalabad, Pakistan

## TECHNICAL SKILLS

**Programming Languages:** Python, JavaScript (ES6+), Java, C++, Dart, SQL, GraphQL, GDScript

**Web & App Technologies:** HTML5, CSS3, Bootstrap 5, TailwindCSS, GSAP, ReactJS, Redux, React Native, NextJS

**Backend & APIs:** NodeJS, ExpressJS, Firebase, Firestore, REST APIs

**Databases:** MongoDB, MySQL, Firestore, Firebase

**AI & ML:** Generative AI, LLMs, RAG, Pandas, NumPy, Matplotlib

**Developer Tools:** VS Code, Android Studio, IntelliJ, Git, GitHub, Adobe Photoshop, Figma, Streamlit, HuggingFace

## PROJECTS

### Lost Horizon (Godot Engine, GDScript)

2025

- Developed a 2D platformer game with exploration, combat, and puzzle-solving features.
- Implemented enemy AI, level transitions, and a save/load system for enhanced gameplay.

### Zentry (ReactJS, TailwindCSS, GSAP)

2025

- Built a responsive single-page web application using modern UI tools.
- Used GSAP for smooth scroll-based animations to increase user interactivity.

### Student Management System (MERN Stack)

2022

- Created a full-stack portal using MongoDB, ExpressJS, ReactJS, and NodeJS.
- Implemented secure login, role-based access, and real-time CRUD operations.

## INTERNSHIP

### IT Services, Government College University

2024

*Networking Intern*

Faisalabad, Pakistan

- Configured and troubleshooted routers, switches, and firewalls to ensure network performance.
- Maintained wired/wireless networks and documented configurations for system upgrades.

## CERTIFICATIONS

UI/UX Design & Photoshop — Corvit Systems (2025)

Introduction to UI/UX Design — Le Wagon (2024)

Basics of Python — UniAthena (CIQ) (2024)

Web & Mobile App Development — Saylani Mass IT Training (Completed: 2022)

## EXHIBITIONS & PRESENTATIONS

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### INNOVATIVE LYALLPUR 3.0

2025

*Project Presenter — Lost Horizon Game*

*Faisalabad, Pakistan*

- Presented *Lost Horizon*, a 2D platformer game, at The University of Faisalabad.
- Showcased exploration, AI-driven enemies, and puzzle mechanics.
- Earned recognition for technical execution and creative design.

## EXTRACURRICULAR

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### Department of Information Technology, GCUF

2023 – 2024

*CodeCRUD Competition — Winner*

*Faisalabad, Pakistan*

- Participated in coding challenges and quizzes at the departmental level.
- Won 1<sup>st</sup> prize in 2024 and received a participation certificate in 2023.