

AYESHA EMAN

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Education

Gift University

Bachelor of Science in Software Engineering

Jan 2022 – Sep 2025

Gujranwala, Punjab

Relevant Coursework

- Data Structures
- Software Methodology
- Front end development
- web application
- App Development
- Artificial Intelligence
- HTML / CSS
- ML
- Python
- Unity (Game develop)

Experience

Final Year Project – OnSaleNow Platform

Jan 2025 – Present

Full Stack Developer

GIFT University

- Developed a web-based platform that helps buyers discover ongoing sales across various brands and product categories.
- Built the frontend using React.js with Tailwind CSS and integrated Firebase Authentication for secure user login
- Designed and implemented a Node.js and MongoDB backend for managing users, sellers, and sales data.
- Integrated AI-driven recommendation system to provide personalized sale suggestions to users

Product Recommendation System

Jul 2024 – Aug 2024

Machine Learning Intern (Self Project)

GIFT University

- Built a content-based recommendation system using Python, Flask, and a Kaggle fashion dataset.
- Deployed model API on Hugging Face and integrated with a React-based frontend for live recommendations.

Border Strike – 3D Unity Game

Jul 2025 – Sep 2025

Game Developer

GIFT University

- Developed a 3D action game featuring multiple levels, AI enemies, and mission objectives using Unity and C#.
- Implemented player controls, terrain setup, and interactive environment using free Unity assets.
- Created engaging menus, timer system, and pause/resume functionalities for smooth gameplay.

Projects

OnSaleNow – Sales & Discount Finder Platform (Final Year Project) / React.js, Node.js, Firebase Authentication Dec 202

- Developed a web-based platform to help buyers find ongoing sales across various brands and product categories.
- Integrated web scraping for popular brands and enabled sellers to post sales details.
- Designed personalized product recommendations to enhance user shopping experience.
- Built buyer, seller, and admin modules with secure login using Firebase Authentication.
- **Live Demo:** <https://onsalenow.vercel.app/>

SharpEyes – 3D Unity Game (Mini Game Project) / Unity, C#, UI/UX Design

Mar 2025 – Aug 2025

- Designed and developed a 3D Unity game featuring immersive gameplay mechanics and player objectives.
- Implemented character movement, timers, pause/resume system, and level-based progression.
- Integrated UI/UX elements including menus, health bars, and optimized performance using free Unity assets.
- Focused on engaging gameplay flow and visual effects for better player experience.
- **UI Portfolio:** github.com/Ayesha497-creator/UI-UX-portfolio

Hostel Management App (Mobile Application Project) / React Native (Snack Expo)

Jan 2024 – Feb 2024

- Developed a mobile application for hostel management using React Native.
- Implemented student registration and room allocation functionalities with a simple and responsive UI.

Technical Skills

Languages: Python, Java, C++, HTML/CSS, JavaScript, NOSQL, React js, React native, Firebase, MongoDB

Developer Tools: VS Code, Sublime, Google Cloud Platform, Nootpad, Cursor

Technologies/Frameworks: React.js, Node.js, Express.js, MongoDB, Firebase, Unity, C#, FastAPI, WordPress, GitHub,

Leadership / Extracurricular

Techathon 1.0 – Coding Competition

Mar 2025

3rd Position Winner

GIFT University

- Secured 3rd position in a university-level coding competition focused on innovative web application development.

Tech Society – GIFT University

Oct 2023 – Present

Team Lead, Web Development Committee

Gujranwala, Pakistan

- Led a student team in developing and maintaining university event websites using React.js and Firebase.