

#### **Skills**

Website

**AI tools:** GPT-4o / GPT-5, Claude, Cursor, Replit Agent, Hugging Face

Itch.io

#### **Programming Languages:**

JavaScript, TypeScript, HTML, CSS, Python, C#, C++

**Frameworks & Libraries:** React, Next.js, Node.js, Bootstrap, Tailwind CSS, ShadCN

**Databases:** Appwrite Database, MySQL, NoSQL (basic)

**Tools & Platforms:** Git, GitHub, VS Code, GitHub Pages, GoDaddy, Vercel

**Development:** REST API Integration, Responsive Design, UI/UX Principles, REST API Integration, Deployment

**Soft**: Self-Directed Development, Problem Solving, Clean Code practices, Visual Design Awareness

## **Portfolio**

https://demon202.github.io/cv/

#### **EDUCATION**

# **York University**

BSc. Computer science

# **Projects**

## **Qdrive** – <u>Full Stack File Storage Platform</u> — <u>Live Demo</u>

- Engineered a secure and scalable cloud file-storage app using Next.js (App Router), React 19, TypeScript, and Appwrite.
- Implemented OTP-based authentication with retry logic, auto-submit flows, and robust Appwrite session handling.
- Developed full CRUD file operations: upload, preview, rename, delete, and download with Appwrite Storage and role-based access control.
- Designed a real-time dashboard showing storage usage, categorized files (images, videos, documents, audio), and activity analytics.
- Added global search, sorting, and filtering (by size, date, name) to streamline navigation in large datasets.
- Built a responsive, mobile-first UI with TailwindCSS and ShadCN UI, emphasizing reusability and accessibility.
- Structured the project with modular components, server actions, and utilities to reflect production-grade architecture and maintainability.

### **Qflix** - Full Stack Movie Search App — Live Demo

- Developed a dynamic movie and TV discovery platform using React, TypeScript, and Appwrite.
- Integrated TMDb REST APIs to display trending content, detailed metadata, and region-aware provider availability using browser locale detection.
- Implemented Appwrite Cloud Functions to log search statistics and track user engagement in real time.
- Designed an interactive, high-performance UI with instant search, auto-updating poster grids, and cached results for a seamless experience.
- Converted the app into a Progressive Web App (PWA) for offline support and cross-platform installability.
- Employed responsive layouts and modern UI patterns to ensure a consistent experience across desktop and mobile.

### ratstudio.co - <u>Developed Company Website</u> — <u>Live Demo</u>

- Developed a fully responsive, animated website using HTML/CSS, JavaScript, and custom media queries.
- Collaborated with a UI/UX designer to implement their design into a fully interactive, cross-browser compatible website.
- Built an interactive video scrubber synced to mouse scroll input, with auto-play fallback after inactivity, enhancing visual engagement and user control.
- Showcased game and web development work with scroll-based transitions and minimal, clean layout.
- Used PHP to handle form submissions and backend communication.
- Optimized for both desktop and mobile users with performance-focused layout decisions.
- Deployed via GoDaddy with version control through Git and GitHub.

#### **VOLUNTEER EXPERIENCE**

#### **Peace by Peace** - <u>Teacher Training Graduate and Instructor</u>.

- Selected for leadership training and teaching roles.
- Promoted relationship-building and problem-solving among youth.

# **LUMUN XI - Lahore University of Management Sciences**

- Represented the Arctic Council in Model UN debates.
- Drafted resolutions and practiced diplomacy, public speaking, and critical thinking.