

#### **Skills**

### **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

**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>

- Developed a scalable file storage and management platform using Next.js (App Router), React 19, TypeScript, and Appwrite.
- Implemented secure authentication with Appwrite, including OTP-based verification with retry logic and auto-submit flows.
- Built file upload, preview, rename, delete, and download functionality with Appwrite Storage.
- Designed a responsive dashboard with real-time storage insights, file categorization (images, videos, documents, audio), and recent activity tracking.
- Added global search and sorting features (by size, date, name) for efficient file navigation.
- Created responsive UI using TailwindCSS and ShadCN components, optimized for both desktop and mobile.
- Structured codebase with reusable components, server actions, and utilities to demonstrate production-ready architecture.

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

- Built a responsive movie and TV database using React, TypeScript, and Appwrite. browser locale to simplify discovery and access.
- Integrated external REST APIs to fetch trending and searchable media content in real-time.
- Designed interactive UI with dynamic poster rendering and searchable items to update backend search statistics.
- Implemented backend functions via Appwrite to track user interactions and store media metadata.
- Converted app into a Progressive Web App (PWA) for installability and offline support.
- Added region-aware provider info based on the user's browser locale.

### ratstudio.co - Developed Company Website — Live Demo

- 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 -** *Teacher Training Graduate and Instructor*.

- 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.