

Muhammad Ahmad

Frontend Web Developer

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EDUCATION

BS Software Engineering

COMSATS University Islamabad,
Sahiwal Campus

(2021 – 2025)

Intermediate (Fsc. Non-medical)

Unique Islamia Higher
Secondary School

(2019 – 2021)

Matric

Unique Islamia Higher
Secondary School

(2017 – 2019)

PROGRAMMING SKILLS

- ❖ HTML
- ❖ CSS
- ❖ Tailwind CSS
- ❖ JavaScript
- ❖ React
- ❖ Supabase

TOOLS & PLATFORMS

- ❖ Git
- ❖ GitHub
- ❖ Zoom
- ❖ Vite
- ❖ Vercel
- ❖ Figma
- ❖ Chrome DevTools

CERTIFICATIONS

- ❖ CSS – The Complete Guide
- ❖ JavaScript – The Master Course
- ❖ React – Mastering React

LANGUAGES

- ❖ Urdu (Fluent)
- ❖ English (Intermediate)

EXPERIENCE

❖ JavaScript Developer Intern | CUI Software House , Sahiwal (Sep 24 – Dec 24)

- Gained hands-on experience with core JavaScript concepts including functions, closures, execution context, and the event loop.
- Built interactive web components using advanced DOM manipulation and effective event handling techniques.
- Worked with asynchronous JavaScript, implementing Promises, async/await, and understanding the call stack and microtask queue.

PROJECTS

❖ WorldWise Project

- Developed WorldWise, a React web app for tracking and visualizing global travel experiences with interactive maps using Leaflet.
- Implemented user authentication via React Context and simulated API calls with json-server for efficient data management.
- Optimized development and production workflows using Vite for fast build cycles and seamless deployment.

❖ React Quiz

- Developed a React quiz app fetching questions from a JSON server, tracking user progress, answers, and scores.
- Implemented features like answer feedback, progress tracking, and a final score screen, with error and loading state handling.
- Used React's useReducer for state management and key components for a smooth user experience.

❖ Bankist App

- Built a dynamic single-page app with advanced DOM manipulation (smooth scrolling, tabbed components, modals).
- Optimized performance using lazy loading, Intersection Observer API, and section reveal animations.
- Designed an interactive slider with keyboard navigation, dynamic dots, and responsive transitions.

❖ Pig Game

- Developed a multiplayer dice game using HTML, CSS, and JavaScript, featuring interactive gameplay with real-time score tracking and player switching.
- Implemented game logic for dice rolling, score holding, and reset functionality, ensuring a seamless user experience.
- Deployed the project on Netlify for live access, enabling users to play the game online (Live Demo).