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# Eman Siddiqui

Computer Engineering Student | Front-end Developer

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## About Me

I am a passionate Computer Engineering student with a sturdy foundation in programming and front-end development. I am proficient in languages like Java, C++, HTML, CSS, and JavaScript, I thrive in solving complex problems and creating user-friendly web applications. Currently, I am honing my skills as a front-end developer intern, where I apply my academic knowledge to real-world projects. I am committed to continuous learning and excited to contribute to innovative technology solutions.

## Experience

### FRONT-END DEVELOPMENT INTERN | CODEALPHA (REMOTE) | AUGUST 15, 2024 – SEPTEMBER 15, 2024

- Developed and implemented fully functional web applications, including a music player, image gallery, and personal portfolio website using HTML, CSS, and JavaScript.
- Collaborated in a virtual environment, applying front-end development skills to create responsive and user-friendly interfaces.
- Enhanced the user experience by optimizing design elements and ensuring cross-browser compatibility.
- Gained hands-on experience in modern web development practices, contributing to real-world projects within tight deadlines.

## Education

### BACHELOR OF COMPUTER ENGINEERING

Sir Syed University of Engineering and Technology, Karachi | 2022 – Present

Relevant Coursework: Data Structures, Algorithms, Object-Oriented Programming, Web Development, Database Systems.

### HIGHER SECONDARY EDUCATION (PRE-ENGINEERING)

Khatoon-e-Pakistan Government Degree College, Karachi | 2019 – 2021

## Projects

- **Amazon Webpage Clone (HTML, CSS):** Created a static clone of Amazon's homepage, focusing on layout and responsiveness.
- **Netflix Webpage Clone (HTML, CSS):** Developed a replica of Netflix's homepage, using CSS for design consistency and responsiveness.
- **Tic Tac Toe Game (HTML5, CSS3, JavaScript):** Built an interactive two-player game with JavaScript logic and UI elements.
- **Word Frequency Counter (Python, Tkinter):** Developed a GUI-based Python application to analyze and display word frequency from user input.
- **Blood Bank Application (Android Studio):** Created an Android app to manage blood donations and requests, integrating user-friendly interfaces.
- **Color Detection in Images (MATLAB):** Implemented an algorithm to detect and identify specific colors within images.

- **Calculator (HTML5, CSS3, JavaScript):** Designed a functional web-based calculator with a clean UI and core arithmetic functionality.
- **Text to Speech Converter (JavaScript, Web API):** Developed a web application that converts user text input into speech using JavaScript and Web APIs.
- **Flappy Bird Game (HTML5, CSS3, JavaScript):** Created a browser-based game mimicking Flappy Bird with responsive controls and real-time feedback.
- **Image Gallery (HTML5, CSS3, JavaScript):** Developed an interactive image gallery with lightbox functionality and responsive design.
- **Music Player (HTML5, CSS3, JavaScript):** Built a web-based music player with custom controls and playlist management.
- **Portfolio Website (HTML5, CSS3, JavaScript):** Designed and developed a personal portfolio website to highlight projects and skills, optimized for various devices.

## Certifications

- **C# Programming** - Aptech Institute of Information Technology
- **CSS3** - Great Learning (Virtual)
- **Programming in C** - Aptech Institute of Information Technology

## Skills

- **Languages:** C++, C#, Java, Python, JavaScript
- **Web Development:** HTML5, CSS3, JavaScript, Bootstrap
- **Tools & IDEs:** Visual Studio Code, Android Studio
- **Other Skills:** Microsoft Office (Word, Excel), Code debugging and optimization, Persuasive communication and interpersonal skills, Detail-oriented and proactive learner

All the reference documents will be provided upon request.