

Mohammad Pervaiz

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EDUCATION

Queens College, City University of New York
Bachelors in Computer Science, Minor in Mathematics

3.87/4.0 GPA
May 2027

TECHNICAL SKILLS

Programming Languages: HTML, XML, CSS, SCSS, JavaScript, Python

Frameworks & Libraries: Bootstrap, Tailwind CSS, React.js, Express.js, Node.js, Axios

Developer Tools: Git, Github, Linux, VS Code, Chrome DevTools, Bitbucket, Jira, Vercel, Render, Figma

EXPERIENCE

Software Engineering Intern

Dotdash Meredith

Jun. 2024 – Aug. 2024

New York, NY

- Developed key features for People, a site with **12M+** daily views, using XML, SCSS, & JavaScript.
- Integrated a dynamic mini journey carousel into Mantle, Dotdash Meredith's CMS, cutting development time by **60%**, across **40+** brands whilst preserving **98%** ad & script integrity.
- Built reusable components for the 2024 Olympics, cutting future event development time by **40%**.
- Engineered an AI integration demo for daily game generation, aligning with a company-wide initiative to boost user engagement, projected to increase revenue by **11%** & retention by **23%**.

Software Engineering Intern

Globalizing Gender

Jun. 2023 – Aug. 2023

New York, NY

- Created a responsive web app for Globalizing Gender, a startup supporting survivors of gender-based violence, utilizing HTML, CSS, Bootstrap, & JavaScript to meet client needs & standards.
- Optimized Firebase hosting costs by **10%** & improved SEO by **15%** by implementing lazy loading, code minimization by eliminating unused HTML & CSS, & refining advanced meta tag strategies.
- Conducted QA to ensure functionality, performance, & UX with Chrome DevTools & Web Vitals, resulting in a **38%** reduction in page load time & a **24%** improvement in overall site performance.

PROJECTS

Rhythm *Tailwind CSS, React.js, Express.js, Node.js, Axios, CORS, Spotify API, Genius API*

- Implemented a responsive music app with React.js & Tailwind CSS, integrating Spotify API for personalized recommendations, playlists, & music playback, along with Genius API for song lyrics.
- Produced a back-end server with Node.js & Express.js, using Axios for data retrieval & OAuth with Spotify for secure authentication, ensuring smooth front-end & back-end communication.
- Learned about full-stack development, especially with back-end servers, API integration, & OAuth. Faced challenges with back-end setup, but gained experience building & deploying apps on sites like Vercel & Render, while improving UX through responsive design & performance tweaks.

PokeDex

HTML, CSS, Bootstrap, JavaScript, PokeAPI

- Assembled a responsive Pokedex app with an interactive platform for exploring Pokémon with dynamic music, sound effects, & a user-friendly UI with search options by name, ID, & type.
- Internalized how to implement search functionality & integrate multimedia to enhance UX.

AWARDS & HONORS

IAC Fellow

Jun. 2024 – Aug. 2024

- Immersive leadership program designed to develop & empower leaders & innovators in technology through competitive internships, mentorship, along with educational & economic opportunities.
- Designed & presented a funding proposal to the IAC Foundation Board, securing a **\$15k** grant for Let's Get Ready, a NYC nonprofit supporting educational programs for underprivileged students.

Peter F. Vallone Academic Scholarship
Provost Scholar

Aug. 2023 – Present
Aug. 2023 – Present