Hamzah Favad Chhapra

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Objective

A Software Engineer focused on solving problems and creating impactful solutions through technology. Skilled in C++ Programming and Front-end development using React.js and GSAP with a commitment to clean code, continuous learning, and adapting to diverse technologies.

Technical Skills

Language: C/C++, JavaScript, Dart, Python
Front End: HTML, CSS, Bootstrap, Tailwind CSS, React.js, GSAP
Back End: Node.js, Express.js
Tools: Git, Github, bash, zsh, Figma

Projects

Finance Manager Program (C++) - View Project
The *Finance Manager Program* is a console-based C++ application designed to track and manage personal financial transactions. It allows users to add, delete, and view categorized income and expense records, providing a summary of total income, expenses, and net balance. The program incorporates robust input validation and uses file handling for persistent storage, enabling seamless data saving and loading across sessions.

Video Downloader Program (python) - View Project
Developed a Python-based tool to convert YouTube videos, Instagram Reels, and Pinterest videos into downloadable MP4 format using the yt-dlp library. The program accepts user-provided links, processes the content, and saves the downloaded videos locally in the designated downloads folder. Designed to enhance accessibility for offline viewing, the tool simplifies the process of preserving specific internet videos worth saving.

Personal Website (Front-End) - View Project
Developed a responsive personal website using modern HTML5 to ensure semantic and clean code. Styled the pages with CSS and Bootstrap to provide full responsiveness across various devices, ensuring optimal user experience. Added interactivity and functionality with JavaScript and Bootstrap components, such as dynamic menus and forms. Leveraged Git for version control to maintain an organized and efficient development workflow.

Education

Manipal University, Jaipur
Bachelors in Computer Application - March 2023 to Present

Certifications

Introduction to Front-End Development – *Meta, via Coursera*   Completed September 2023
Gained foundational knowledge of HTML, CSS, and JavaScript for building web applications.

Programming with JavaScript – *Meta, via Coursera*   Completed October 2023
Developed JavaScript programming skills, including functions, DOM manipulation, and basic debugging.

React Basics – *Meta, via Coursera*   Completed April 2024
Learned foundational React concepts, including components, props, state management, and building dynamic web apps.