DARSH PATEL

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OBJECTIVE: Aspiring software engineer with a passion for technology and a strong grasp of programming and development principles, aiming to apply my knowledge and creativity to solve real-world problems and drive technological innovation.

HIGHLIGHTS

- Proficient in C, C++, and C#, demonstrating a solid foundation in diverse coding paradigms and technologies.
- Experienced in utilizing VMware and VirtualBox for creating and managing virtual environments.
- Solid understanding of fundamental computer science concepts, including Object-Oriented Programming (OOP), Data Structures and Algorithms (DSA), Functional Programming, and Database Management Systems (DBMS), enabling the development of robust and scalable software solutions.
- Proficient in modern web development practices, capable of designing and implementing responsive and user-friendly websites.
- Actively participate in Hackathons and social coding challenges to build a network and meet new people.
- Skilled in troubleshooting, debugging, creating logic, and problem-solving.
- Exceptional communication and teamwork abilities, quick learning aptitude, and innovative thinking facilitate effective collaboration and continuous professional growth.

EDUCATION

Software Engineering Technician   2023 – Present
Conestoga College, Waterloo, Canada

Higher Education   2020 – 2023
Doon International School, Ahmedabad, India

PROJECT WORK

Personal Portfolio (2024)
- Designed a personal portfolio website to showcase software engineering projects and skills.
- I used HTML5, CSS3, and JavaScript for the front end and a responsive Bootstrap design for device compatibility.
- Hosted on GitHub Pages; integrated Google Analytics for traffic insights.
- Site is a dynamic resume highlighting projects, technical skills, and achievements.

https://darsh1206.github.io/Portfolio/

Online Text Editor (2023) (Academic Project)
- Created a web-based text editor for editing, saving, and creating files with diverse extensions in the browser.
- Leveraged HTML, CSS, JavaScript, and jQuery for a dynamic front end, with ASP.NET and C# for a robust back end.
- Delivered a reliable, scalable editing tool with seamless user experience.

AI Assignment Helper (2023) (Hackathon Project)
- Developed an assignment summarizer website in a team aimed at helping students comprehend assignments and outline steps for completion, leveraging AI for content analysis and guidance.
- Utilized React.js to craft a dynamic and responsive user interface, ensuring an engaging user experience.
- Integrated Firebase for backend services, including a real-time database for storing assignments and user data and authentication features for enhanced security.
- Incorporated an AI helper using natural language processing to interpret assignment guidelines, generate summaries, and suggest actionable steps, facilitating a more precise understanding and efficient approach to assignments.

https://github.com/patel-bhumit/React-Native-X-Firebase-Project