MANAV CHAUDHARY

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SUMMARY

A result-oriented **Software Engineering Technology - Artificial Intelligence** student, with a strong academic record and hands-on experience in software development. Experienced in developing dynamic applications using **React JS**, **C#**, **Java**, **PHP**, and **SQL**. Proven ability to enhance backend and frontend functionalities through an internship with the **Government of Ontario**. Skilled in problem-solving, with a passion for continuous learning and innovation. Foundational knowledge of search algorithms, **machine learning** concepts & AI ethics.

SKILLS

Languages: C#, Visual Basic, Java, JavaScript, Python, PHP, SQL, CSS, HTML, XML
Frameworks: ASP.NET, React JS, Bootstrap, Tailwind CSS, Node JS, Express JS, jQuery , Ajax
Technologies: WordPress, Azure DevOps, Figma, WinSCP, Android Studio, Git, MySQL, Oracle Database, MongoDB, SSMS, Microsoft Report Builder, Linux
Workplace Skills: Adaptability, Teamwork, Leadership, Time Management, Problem Solving, Collaboration

RELEVANT EXPERIENCE

Software Developer Intern   May 2024 – Sep. 2024
Government of Ontario - Ministry of Attorney General, Toronto, ON
- Developed and enhanced functionalities for an application utilizing **React JS**, **C#**, and **SQL**, focusing on both backend logic and frontend aesthetics
- Created Dynamic Functionality: Leveraged **PHP** to create dynamic pages for a **WordPress** website, enhancing interactivity and user engagement
- Implemented new features and improvements in a **Visual Basic** and **ASP.NET** web application to enhance user experience and application performance
- Prepared database reports using **SQL**, **Microsoft Report Builder,** and **SQL Server Management Studio**

Bell Geek Fest Hackathon Participant (Developer)   Sept. 2023
Bell Canada, Mississauga, ON
- Selected through a competitive process to participate in Bell's annual *Bell Geek Fest*, a 3-day hackathon competition for post-secondary students to collaborate on developing innovative software design solutions
- Collaborated to develop a project based on Authentication using passkeys and End-to-End encryption
- Received an award of being within the top 5 ranking teams

EDUCATION

Software Engineering Technology - Artificial Intelligence (Co-op) Advanced Diploma   Sept. 2023 - Present
Centennial College, Toronto, ON   GPA: 4.35/4.5 (A+)
- *Focus Areas:* AI, C#, Java, JavaScript, OOP Principles, Databases (SQL), Web Development, MERN

SELECT PROJECTS

Investment Calculator Web App | *JavaScript, React JS, HTML, CSS*
- Developed a dynamic investment calculator using JavaScript and React.js, integrating HTML and CSS
- Showcased various React.js concepts to create an interactive user interface with four adjustable parameters, enabling users to calculate potential returns on investments
- Demonstrated proficiency in web development, utilizing modern technologies to deliver a responsive and intuitive application for financial planning

Planet Explorer App | *Java, JDK, XML, Android Studio*
- Developed an Android app using Java and XML to display planet information with a dynamic **ListView**
- Implemented a model class and custom adapters to manage and display data from **ArrayLists** efficiently
- Utilized Android Studio for development, testing, and debugging

Calculator Desktop App | *C#, GUI, OOPS*

- Created a versatile calculator application in C# offering both **simple** and **scientific** functionalities
- Utilized object-oriented programming for modular code structure and efficient maintenance
- Illustrated strong GUI design skills, ensuring user-friendly interaction and visual appeal

CO-CURRICULAR ACTIVITIES

Student Ambassador   Winter Term 2023
Centennial College, Toronto, ON

- Assisted in organizing and setting up event spaces, ensuring smooth operation for new student orientation
- Guided new students and their families, providing campus tours and answering questions about various College resources and programs to create a welcoming and supportive environment

Attendee
Collision Conference 2024 – Toronto   June 17-20, 2024

- Participated in one of the largest tech conferences, engaging with industry leaders, startups, and innovators.
- Attended various sessions and workshops on emerging technologies and industry trends.
- Networked with professionals and peers, gaining insights into cutting-edge advancements and best practices in the tech industry.