Dhruv Sanjaykumar Patel

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EDUCATION

Honours Bachelor of Computer Science   Sept 2020 – April 2024
Lakehead University   Thunder Bay, ON

PROJECTS

E-Commerce Application   05/2024
[ASP.NET MVC, C#, JavaScript, HTML, CSS, Microsoft SQL Server, PayPal API, Microsoft Visual Studio]
- Engineered a robust E-Commerce platform capable of handling over 10,000 active users with advanced cart management and secure PayPal integration.
- Implemented an administrative portal optimizing the management of over 100 movie listings and schedules, streamlining operations and enhancing user engagement.

Expense Tracker Application   04/2024
[MongoDB, Express, ReactJS, Node.js]
- Created an intuitive ReactJS interface for effective expense management, including key features like expense addition, editing, and deletion for user-controlled financial data.
- Integrated search and filtering features for effortless location of specific expenses, resulting in a 50% increase in user engagement, as evidenced by a notable rise in user traffic.

Text file Compressor   02/2024
[Java]
- Efficient implementation of Huffman coding algorithm for lossless data compression, preserving data integrity during compression and decompression demonstrating the effectiveness in maintaining data accuracy.
- Ensured a quick response time, with an average compression and decompression time of just 0.5 seconds for files of approx. 1 GB.

EXPERIENCE

Google Developer Student Club   Thunder Bay
Data-Driven Relations Coordinator   10/2023 - Current
- Utilized Excel to analyze club event trends and feedback, revealing technical workshops attract 40% more attendees and strategically scheduled events during peak months to achieve a 25% increase in overall attendance.
- Collaborated with industry leaders and secured sponsorships, speakers, and resources, resulting in a 30% increase in attendance and a 20% boost in club revenue, driving greater impact and engagement.

Student Success Center   Thunder Bay
Team Member   08/2022 – 12/2023
- Formulated and implemented immersive orientation sessions for incoming students in collaboration with a diverse team of student volunteers, fostering a smooth transition and boosting student engagement by 20%.
- Acted as a mentor to three first-year students, providing ongoing guidance and support throughout the academic year at the university.

Google Developer Student Club   Thunder Bay
Financial Operations Treasurer   09/2022 – 09/2023
- Managed budgets and tracked expenditures with Excel, forecasting financial needs and analyzing revenue from membership dues and sponsorships leading to a 20% increase in funding efficiency and resource optimization.
- Raised club awareness and increased member by 50% through recruiting techniques such as in-class presentations, leaflet distribution and participating in Lakehead University Club tabling events.

SKILLS

- **Programming languages:** C++, Python, Java, HTML, CSS, SQL, JavaScript, Node.js, ReactJS, C#
- **Frameworks:** ASP.NET MVC
- **Cloud, Database, CI/CD:** Microsoft SQL server, MySQL, MongoDB, GitHub

AWARDS AND ACHIEVEMENTS

- Awards and Achievements: 3rd State rank and 28th National rank in Edu Heal Foundation's Cyber Olympiad.