DEV PATEL

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Summary

Highly motivated computer science student with a concentration in Big Data Systems, seeking opportunities to leverage programming skills and problem-solving abilities. Experienced in website development, software engineering, and machine learning with a demonstrated track record of delivering high-quality projects. Strong communication, teamwork, and leadership skills developed through various extracurricular activities. Open to new challenges and excited to learn and grow in a dynamic work environment.

Skills

LANGUAGES
C
C++
CSS/HTML
Java
JavaScript
Python
SQL

TECHNOLOGIES
AWS
Firebase
Git
MongoDB
MYSQL
React.js

TOOLS
GitHub
Jupyter
Microsoft Excel
Microsoft Office Tools
Microsoft Word

OS
Mac
Windows

SOFT SKILLS
Adaptability
Attention to Detail
Communication
Positive Attitude
Problem-solving
Quick Learner
Teamwork
Time management

Education

Wilfrid Laurier University   Sept. 2021 to Current
Honors Bachelor of Computer Science, Concentration: Big Data System 2025

Employment

Wilfrid Laurier University   Waterloo, ON
Web Co-Ordinator   Mar. 2023 to Current
- ●Updated university websites by updating information and ensuring 100% uptime and accurate information.
- ● Collaborated with 7+ departments to understand requirements and deliver high-quality websites that meet their specific requirements.
- ● Scripted and created research reports to enhance website functionality and design.

Wilfrid Laurier University   Waterloo, ON
Teaching Assistant   Sept. 2022 to Current
- ●Instructed students in t data structures, OOPS, and algorithms in Python, Java, and Physics through leading tutorials, labs, and weekly assignments.
- ● Mentored 50+ students in doubt-solving sessions, resulting in 95%+ satisfaction and improved communication, leadership, and time management skills.
- ● Boosted student performance by 30% on assignments and projects through personalized feedback and guidance.

Manpasand beverages   Vadodara, India
Developer intern Student   May 2021 to Sept. 2021
- ● Developed an e-commerce platform for 50+ products using React, Node.js, and MongoDB with a team of engineers.
- ● Contributed to code documentation and testing, ensuring high-quality deliverables that met business requirements.
- ● Documented project-specific specifications and trained sales team members on platform functionality, resulting in increased gains

Projects

Weather App (ReactJS)
- ● Repository - https://github.com/dev7878/weather-react
- ● Built a weather app that enables users to search for the current weather and forecast for 200,000+ locations using the OpenWeatherMap API.
- ● Implemented a responsive design using CSS and a search bar for data retrieval which supports error handling for invalid location searches and loading indicators for data retrieval.
- ● Executed geolocation functionality that allows users to automatically retrieve weather data for their current location

Student Learner (ML)
- ● Programmed a vast collection of machine learning algorithms, techniques, and frameworks in Python, with detailed explanations of EDA.
- ● Showcased expertise in applying machine learning and statistics concepts to solve complex problems efficiently.
- ● Improved model accuracy by 25% through feature engineering and hyperparameter tuning

Soccer League (MySQL)
- ● Created and Normalized a Soccer League Database while Learning DBMS.
- ● Designed a UI using React.js to display data in a tabular format and connected UI with Database using Node.js, leading to Query Database.
- ● Improved database performance by 30% through indexing and query optimization techniques.

Portfolio (ReactJS)
- ● Crafted and published a personal portfolio website to display professional experience and skills.
- ● Utilized React Router to create seamless navigation for users.
- ● Deployed the website using GitHub Pages and made it publicly available through a unique URL

Extra - Curricular

Laurier Men's Cricket Club · *Co-President*   May 2022 to Current
Waterloo, ON
- ●Orchestrated logistics for nationals and international tournaments, including the US nationals, for 15+ team members, managing transportation accommodation, and catering to ensure seamless execution.
- ● Devised and implemented successful fundraising strategies that raised $15,000+ annually to support the club's recreational and competitive cricket initiatives.
- ● Fostered partnerships with multiple universities and organized tournaments and series to provide opportunities for the team and foster a positive environment, resulting in a 50% increase in participation.

Laurier Robotics · *Vice President of Web Development*   Sept. 2022 to Apr. 2023
Waterloo, ON
- ● Spearheaded the development of a user-friendly club website, increasing visibility and accessibility for potential recruits.
- ●Assisted in the design and implementation of software projects based on SAP, ensuring timely completion and accuracy of deliverables.
- ● Conducted review sessions for first-year students and recruited new members, increasing the club's membership by 40%.