Pruthvi Patel

Aspiring Software Developer | Data Analyst

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OBJECTIVE

Eager Computer Programming and Analysis student with expertise in software development, web development and database management, seeking to apply skills in a dynamic, growth-focused environment. Committed to innovation, teamwork, and continuous learning in software engineering or data analysis roles.

EDUCATION

Computer Programming And Analysis   **2022-2025**

Seneca College, Toronto

- CGPA: 3.7/4.0 with 4/4 GPA in 3rd Semester **[President's Honor List]**
- Focused on software engineering, database management, and full-stack web development.
- **Relevant Coursework: Web Development, Data Structures and Algorithms, Database Management System, Object Oriented Programming, Project Management Using Agile Methodology**

SKILLS

- **Programming Languages & Technologies:** Proficient in C, C++, Python, JavaScript, HTML, CSS, Unix/Linux, and Git, with a focus on software engineering principles.
- **Software Development & Frameworks:** Strong foundation in Node.js, Express.js, React, Next.js, and Bootstrap for scalable, interactive, and responsive web applications.
- **Database Management:** Knowledgeable in Oracle SQL, PostgreSQL, MongoDB, emphasizing data integrity and manipulation.
- **Project Management:** Experienced with Jira Software, enhancing team collaboration and project tracking.

PROJECTS

Airbnb-Listings-Explorer | **React, Next.js, Bootstrap, SWR [ViewCode] [ViewWebsite]**

- Developed an innovative web application tailored for an enhanced Airbnb listing exploration experience, combining a robust backend with a user-friendly frontend. This project emphasized seamless API integration, facilitating real-time listing updates, detailed reviews, and dynamic search functionality.
- **Impact:** Significantly enhanced the Airbnb browsing experience by offering users a comprehensive platform to view, search, and interact with listings. The application's intuitive design and efficient data handling greatly improved navigation and user engagement, showcasing my ability to deliver high-quality, user-centric web solutions.
- **Technologies:** Crafted with React and Next.js for a dynamic and interactive user interface, leveraged MongoDB Atlas for data storage, Express for server-side logic, and Bootstrap along with SWR for a responsive design and optimized data fetching strategies.

Lego-Collection-Management-Web-Application | **Node.js, Express.js, MongoDB, PostgreSQL, Tailwind CSS, AJAX**
[ViewCode] [ViewWebsite]

- Engineered a full-stack web application for managing Lego collections, integrating comprehensive backend functionalities with a responsive frontend design. This involved intricate database design, user authentication, and dynamic content rendering.
- **Impact:** The application streamlined the collection management process, improving user experience through efficient data management and a polished user interface. Demonstrated expertise in developing scalable and maintainable web applications that enhance user interaction and data handling.
- **Technologies:** Implemented using Node.js, Express.js for the server side, Sequelize with PostgreSQL for database management, MongoDB for session management, and Tailwind CSS along with AJAX for the front end.

Mail-Tracker | **HTML, JavaScript, CSS [ViewCode]**

- Developed "Mail Tracker," a Chrome extension designed to effortlessly uncover and display emails from any webpage. Addressed the challenge of locating contact details buried in lengthy websites, transforming a tedious search into a straightforward, efficient process.
- **Impact**: Significantly enhanced productivity and simplified the hunt for contact information on web pages. The extension's intuitive design and efficient data handling greatly improved user interaction with websites, showcasing the ability to deliver high-quality, user-centric web solutions.
- **Technologies Used**: HTML, JavaScript, CSS.

Online Banking System Development | C++, Oracle SQL

- Constructed an Online Banking System to enhance banking operations, integrating a C++ application with an Oracle SQL database for robust data management and operations.
- **Impact:** Improved operational efficiency and data security for banking transactions. This project illustrated the ability to develop secure, efficient, and reliable software solutions that support critical business operations, emphasizing skills in secure database integration and complex system development.
- **Technologies:** The system was developed using C++ for application logic and Oracle SQL for database interactions, focusing on secure and efficient data manipulation.

VOLUNTEER EXPERIENCE

PEER MENTOR   **Seneca College, 2023 – Present**

- Enhanced leadership and communication skills through mentoring and inclusive teamwork.
- Boosted student success and community satisfaction by supporting and fostering a positive environment.