REHATPREET KAUR

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SKILLS

Technical Languages	C, C++, Python, JavaScript, SQL, MongoDB, PostgreSQL, HTML5, CSS3,
Libraries and Frameworks	React, Bootstrap, Tailwind CSS, Express JS, EJS , REST API
Development Tools	Git, GitHub, Jira, MS Visual Studio, MS Visual Code, Visual Paradigm, Oracle
Operating Systems	Unix/Linux , Windows
Software Concepts	Object-Oriented Programming (OOP), Database Management (DBMS), Testing and Debugging, SDLC, DSA
Design and IDE Tools	MS Office Suite (Word, Excel, PowerPoint, Outlook, SharePoint) MS Teams, MS Project

EDUCATION

Computer Programming and Analysis - Seneca Polytechnic   *CGPA: 3.9* | *2024*

PROJECTS

RouteOptiTest
- Developed a route optimization tool following **Agile methodology** and **SDLC principles**.
- Created comprehensive project documentation, including **project plans**, **bug reports**, **scrum reports**, and a **traceability matrix** to ensure quality control throughout the project lifecycle.
- Executed **unit, integration, and system testing** using Visual Studio for peak performance.
- Addressed database issues, demonstrating strong troubleshooting and application support skills.

Android Application - Front Benchers
- Collaborated with 5 teams to create and maintain comprehensive documentation during the development process.
- Developed and published over 200 **Java coding problems** with video solutions, enhancing user accessibility on the **Google Play Store**.
- Provided **user support** to address app-related issues and ensure smooth user experiences.
- Ensured secure deployment practices and compliance with app store policies.

Playground.AI
- Developed a comprehensive **AI integration platform**, bringing together models like ChatGPT, LaMDA, and Gemini for diverse AI-powered interactions.
- Engineered a scalable backend using **Express.js**, with middleware and **REST APIs** facilitating smooth data flow and model interactions.
- Implemented a dual-database architecture with **MongoDB** and **PostgreSQL** to manage AI data and user sessions efficiently.
- Designed a dynamic frontend using **EJS**, styled with **Tailwind CSS**, and enhanced with **Daisy UI** for an intuitive and responsive user experience.

INTERESTS AND ACTIVITIES

Vice President, Seneca Data Science Club
- Organised educational workshops for newcomers, fostering a welcoming learning environment.
- Coordinated interactive activities and hosted games focused on tech topics, encouraging hands-on learning and collaboration among club members.