

Payal Rangra

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Summary

Dedicated IT Programmer Analyst student at Lasalle College seeking an internship to apply and expand technical skills. Proficient in various programming languages, full-stack development, machine learning, and database management. Eager to contribute to innovative projects and gain hands-on experience in a dynamic environment.

Education

AEC – Information Technology Programmer Analyst
LaSalle College, Montreal

2023-Present

High School – Maths ,Chemistry and Physics
Mount Carmel School , India

2020-2021

Job Experiences

Alorica, Full Time

May 2024- Present

Customer Service Representative - Delivering top-notch service to clients of a prominent US-based all-online bank.

IO Solution Contact Center , Part-time

June 2023 – July 2024

Customer Service Representative - Supported telecommunications clients by resolving inquiries, offering technical assistance, and managing accounts with tailored solutions.

Skills

Languages: C, Java, Python, C#, Swift, SQL, HTML, CSS, JavaScript, jQuery

Developer Tools: VS Code, Eclipse, Visual Studio, PyCharm, PhpStorm, XCode, Google Colab

Technologies/Frameworks: XAMPP, ADO.NET, .NET Framework, ASP.NET, Flask, Agile, SCRUM

Database: MySQL, MariaDB, MongoDB, SQL Server Management Studio, HeidiSQL, Azure Data Studio

Other Skills: DSA, OOPs, GitHub, WordPress, UML

Projects

Hi-Tech Order Management System | C#, Visual Studio, SQL Server 2019, .NET Framework

- Created the Hi-Tech Order Management System as a Windows Forms Application with C# and .NET Framework.
- Handled data management using SQL Server 2019, Entity Framework, and ADO.NET.
- Designed an intuitive interface for administering library records, such as customers, books, publishers, and orders.
- Integrated login authentication to regulate access to different functionalities.

CS Department Match Algorithm | Java, Eclipse, Object-Oriented Programming

- Developed an advanced algorithm to align professors with suitable courses in the Computer Science Department at LaSalle College.
- Analysed professor preferences and course availability, prioritising based on factors such as seniority, specialisation, and requested hours.

FaceScanPro Application | Python, Flask, DeepFace, OpenCV, Caffe, VS Code, XCode

- Created FaceScanPro, a cutting-edge iOS application utilising advanced facial recognition technology to assess age, gender, and emotional state.
- Offering customised entertainment suggestions tailored to the user's emotional profile.
- Employed Python, Flask, OpenCV, and DeepFace for backend development, with Xcode for integrating the app on iOS platforms.

TaskOps API | Python, Flask, MongoDB, JWT

- Developed TaskOps API for efficient task management with user registration, authentication, and CRUD operations.
- Utilised Flask for flexible API development and MongoDB for scalable data storage.
- Implemented secure authentication with JWT and followed RESTful principles for intuitive endpoint design.