

# JATIN KALSI

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[Website](#) | [LinkedIn](#) | [GitHub](#)

## Skills

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Programming: C#, Java, JavaScript, Python, Ruby  
Web & Databases: HTML, CSS, Node.js, SQL, PostgreSQL, SQL Server (SSMS)  
Frameworks: React.js, Express.js, ASP.NET Core, Ruby on Rails, Bootstrap  
Tech: Git, Postman, Visual Studio, Visual Studio Code, IntelliJ, Eclipse

## Education

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### Concordia University

Bachelor's in Computer Science

Montréal, QC

2022 – 2025

- Member of the **Software Engineering and Computer Science Society**

### CÉGEP Vanier College

Associate's in Computer Science and Mathematics (**3.6 GPA**)

Montréal, QC

2020 – 2022

- **Relevant Courses:** Object-Oriented Programming, Data Structures & Algorithms, GUI Development

## Professional Experience

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### Ivalua Inc. Customer Application Engineer Intern

Procurement platform used for spend/supplier management

Montréal, QC

Dec 2022 – May 2023

- Full stack development on the Run team following the **Kanban** methodology
- Collaborating directly with several clients to build new features and add improvements to their software
- Implementing and debugging numerous UI components (**HTML, CSS, JavaScript, C#, ASP.NET**)
- Improving backend functionality using database testing tools (**SQL Server Profiler, OLAP cubes**)

## Projects

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### Music Album Database

Oct 2022

Personal Project [\[GitHub\]](#) [\[Website\]](#)

- Built a **REST API** that stores music artists and albums using **MVC** architecture
- Used repository/dependency injection **design patterns** to encapsulate data access
- Used ORM (EF Core) and data transfer objects (DTOs) for data access
- Tested **CRUD** API endpoints using Postman and used Axios for API fetching
- **Used: React.js, Express.js, C#, ASP.NET Core, SQL Server, Bootstrap, deployed using Microsoft Azure**

### Social Media Site

Jul 2022

Personal Project [\[GitHub\]](#) [\[Website\]](#)

- Built a social media platform inspired by Reddit and Twitter using **MVC** architecture
- Added **CRUD** functionality for creating/liking communities, posts, and comments
- Used ORM (Active Record) and added **user authentication** with hashed passwords for data security
- **Used: Ruby, Ruby on Rails, PostgreSQL, Bootstrap, deployed using Heroku**

### Physics Simulations

Jan – May 2022

CÉGEP Coursework: Capstone project [\[GitHub\]](#)

- Led a team of 4: organized meetings, delegated tasks, fixed teammates' bugs, etc. Attained **100%**
- Designed overall app concept/layout and implemented mathematical calculations/formulae
- Utilized **Agile** methodologies with **Kanban** boards using Trello
- **Used: Java, JavaFX, CSS**

