

JATIN KALSI

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

Skills

Programming: Java, Python, JavaScript, TypeScript, Ruby
Web & Databases: HTML, CSS, Node.js, SQL, PostgreSQL
Frameworks: React.js, Express.js, Ruby on Rails, Bootstrap
Tech: Git/Github, Insomnia, Visual Studio Code, IntelliJ, Eclipse, Trello

Education

Concordia University

Bachelor's in Computer Science

Montreal, QC
2022 – 2025

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

CEGEP Vanier College

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

Montreal, QC
2020 – 2022

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

Projects

Social Media Site

Jul 2022

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

- Built a social media platform inspired by features of Reddit and Twitter using **MVC** architecture
- Added **CRUD** functionality for creating new communities, posts, and comments
- Developed features for liking and subscribing to communities, posts, and comments
- Used ORM (Active Record) with schema migrations for data access
- Implemented **user authentication** with hashed passwords for data security
- **Used: Ruby, Ruby on Rails, PostgreSQL, Bootstrap, deployed using Heroku**

Music Album REST API

Jun 2022

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

- Developed a **REST API** that stores music artists and albums alongside their descriptions
- Implemented **MVC** design pattern to structure data neatly and efficiently
- Tested **CRUD** API endpoints using Insomnia and used Axios for API fetching
- Used ORM (Sequelize) in PostgreSQL for data access
- **Used: React.js, Node.js, Express.js, PostgreSQL, deployed using Heroku**

Physics Simulation

Jan – May 2022

CEGEP Coursework: Semester long project [[GitHub](#)]

- Led a team of 4: organized meetings, delegated tasks, fixed teammates' bugs, etc. Attained **100%**
- Utilized **Agile** methodologies with **Kanban** boards using Trello
- Implemented mathematical calculations/formulae of the physics concept into the simulation
- Designed the overall app concept and layout, including all windows and screens shown to the user
- **Used: Java, JavaFX, CSS**

Video Game Deals API

Jun 2022

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

- Created a website that allows users to find the cheapest deals on games using the CheapShark API
- Tested API endpoints using Insomnia and used async/await for API fetching
- **Used: React.js, TypeScript, deployed using Google Firebase**