

Parm Johal

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[Parm Johal](#)

Education

Bachelor of Computer Science

University of Victoria
Victoria, BC

June 2020

Relevant Skills

Techniques

- Application Deployment
- Web Development
- Distributed System Scalability
- Database Management
- Object-Oriented programming
- Full Stack Development
- REST API's

Programming Languages

- C
- C#
- Java
- Python
- HTML
- CSS
- JavaScript
- SQL
- Typescript

Software/Frameworks

- Angular
- Linux Bash
- PostgreSQL
- Heroku
- Docker
- NestJS
- Django
- Git
- React

Professional Skills

- Knowledgeable in the concepts of REST API's by implementing it within a full stack application for communication between the front end and back end
- Developing, Deploying, and managing web apps using cloud platforms such as Heroku
- Experience in using version control systems such as Git in a Linux environment by pushing and pulling project source code and dealing with merge conflicts when necessary
- Experience in scaling software systems by creating multiple secure servers to communicate with each other and servicing up to 1000 users at once in an efficient manner.
- Use of HTML, CSS, and JavaScript to create a landing page for clients and my portfolio website
- Knowledgeable in Python programming from connecting servers and databases together using Django framework
- Experience working collaboratively by working with diverse teams in both school and sports environment
- Leadership skills developed in group projects by coordinating schedules, setting up meetings, and submitting work before deadlines
- Developed a strong sense of commitment from being a varsity athlete
- Strong time management skills with the ability to stay organized while maintaining multiple commitments such as school, work, and varsity

Employment History

Web Developer

June 2020-Present

Run-Up Records

Victoria, B.C

- Currently starting the process of creating a music web application for a client using Django for the web framework

Web Developer

August 2019-Present

Rev Status

Victoria, B.C

- Created a landing page for a client by communicating and meeting requirements
- Continuously maintained the website by checking for bugs and also updating it

Vikes Intramurals Supervisor

January 2017-March 2020

University of Victoria

Victoria, B.C

- Organized games for UVic students
- Managed and resolved conflicts between players by making quick and fair decisions

Academic Tutor

January 2018 - August 2019

Math4Me

Victoria, B.C

- Educated k-12 & University students in core subjects such as Math, English, and Sciences
- Increased confidence in students by improving their grade percentage
- Communicated with parents to meet their requirements and receive feedback
- Supervised 3-4 students at a time and dealt with different subjects at once.

Projects*PJ Flights*

May 2020-Present

Full Stack SPA Website

- Developed a full stack app using Angular in the front end, NestJS for the back end server, and PostgreSQL for the RDBMS
- Used RESTful API practices to create CRUD functions to receive data from the database and display it in the front end

Randomizer

May 2020-June 2020

Android App

- Developed an app using Kotlin Programming language within Android Studio IDE
- Designed and tested the UI interface for good functionality and user experience

DayTrading Inc.

January 2020-April 2020

SENG 468, University of Victoria

- Built a distributed system starting at one user and scaling it up to 1000 users
- Created an efficient architecture and deployed it using Docker containers
- Constantly checked security measures and ensured that the system ran without bugs
- Tested our running system using performance analysis and capacity planning techniques

Universal Math Education

September 2019-December 2019

CSC 370, University of Victoria

- Developed a database with a team by creating ER models and functional dependencies
- Implemented using PostgreSQL and Python and testing the data with sophisticated queries

Personal Interests

- Personal interests include exercising, discovering new music, and meeting new people.
- Playing on a soccer team in a competitive league
- Staying in shape by hiking, running and using the gym regularly.