

# Jay Patel

Portfolio: <https://jyp2098.github.io/portfolio/>

Github: <https://github.com/JYP2098>

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## EDUCATION

- Concordia University**  
Master of Applied Computer Science - GPA: 3.78/4.3  
Montreal, Quebec, Canada  
January 2021 - August 2022
- Sardar Vallabhbhai Patel Institute of Technology**  
Bachelor of Engineering – Computer Engineering - GPA: 8.83/10  
Anand, Gujarat, India  
September 2016 - July 2020

## SKILLS SUMMARY

- Front End Technologies** HTML, CSS, JavaScript, React, React Native
- Back End Technologies** Firebase, MongoDB, MySQL, Express
- Programming Languages** Java, Python
- Supporting Tools** Docker, Jenkins, Kubernetes, GIT, VS Code, Expo

## EXPERIENCE

- Academic Information Technology Services - IT Service Desk Operator**  
Concordia University  
January 2022 - Present
  - Provide academic computing, information services and applications to support teaching, administrative and research activities of students, staff and faculty of Gina Cody School of Engineering and Computer Science
  - Querying **Linux** servers, **SSH tunneling** to access internal University's databases to extract information from entire networking system of the University and using the **FootPrints ticketing** portal to work with user queries.
  - Prepare network jacks, establish remote desktop connections
- Teaching Assistant for COMP 353 - Databases**  
Concordia University  
January 2022 - May 2022
  - Conduct tutorial sessions on **MySQL**, properties and fundamentals of relational database. Grade assignments and examination papers.
- React Native Developer**  
Nimblechapps Ltd  
June 2020 - January 2021
  - Developed and maintained React Native components, screens, and features for the 3+ mobile apps for clients
  - Collaborated with designers on **UI/UX design** decisions and created mockups. Worked on **SOAP UI, REST APIs**.
  - Experience with **Postman** for **API calls and HTTP requests**. Worked in an **Agile** development with rapid turnarounds.
- Full Stack developer (MERN Stack)**  
Goods India Carrier  
June 2019 - April 2020
  - Responsible for developing and evolving software in a fast paced development environment using the latest software development methods and infrastructure. Developed and maintained **single page web applications** using **MongoDB, Express, React JS, and Node JS**.
  - I implemented **RESTful** Web Services for several Enterprise applications. Developed **REST APIs** during initial development phases
  - Set up **OAuth** for authentication
  - I worked with **JSON** as well as **YAML** files for serialization of data. I worked with **Redux** for state containerization.
- Web developer**  
Sardar Vallabhbhai Patel Institute of Technology  
February 2019 - April 2019
  - Worked to migrate the University's traditional website built on HTML and PHP to modern standards with **GatsbyJS** and **Ant Design**.
  - Implemented REST APIs to connect the website to institution's database
  - Worked with implementation phase with **Agile** team for the development process. A small scale database requirement was fulfilled by using **Firebase** as the backend.

## PROJECTS

- RISK (Java)** A game similar to Warzone by Hasbro built with **Java**. Used Java **Maven CI/CD** pipeline with **Github actions** for build, test and deployment purposes. Worked in an **Agile** environment. Implemented multiple **design patterns** for various functionalities.
- Voice controlled news application (Web Development, AI)** A web application that displays news to the user from **audio input**. Integration of **Alan AI** with **ReactJS** and various calls to APIs depending on the news from various channels.
- ReactJs with NFT (Web Development, Web 3.0)** A website integrated with web 3.0 capabilities with the world's largest **NFT** marketplace **OpenSea**. Used **MetaMask** to create a wallet with minimal gas fees to build the backend needed for an **Ethereum** based APP
- Google clone** A **React** web app using **Google custom search API** to replicate Google Search functionality