

Jay Patel

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

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EDUCATION

- Concordia University**
Master of Applied Computer Science - GPA: 3.69/4.3
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, ReactJS, NextJS, React Native
- Back End Technologies** Firebase, MongoDB, MySQL, Express, GraphQL
- Programming Languages** C, C++, Java, Python
- Supporting Tools** Docker, Jenkins, Kubernetes, GIT, VS Code, Expo, JIRA

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** monitoring. Worked in an **Agile** development with rapid turnarounds.
- Full Stack developer (MERN Stack)**
Goods India Carrier
January 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 (SPA)** using **MongoDB, Express, React JS, and Node JS**.
 - Implemented **RESTful** Web Services for communication with the backend built on **Sitefinity CMS**. Worked with **JSON** files for **serialization** of data for initial development phases.
 - Implemented UI mockups, created/handled **Redux** stores for state containerization.
 - Crafted **microservices** with **Express** and ran them on **Docker**. Orchestrated collections of services with **Kubernetes**
 - Set up **CI/CD** pipeline with **GitHub** and **Jenkins**, experience with **YAML** files for generating **Docker** images.
 - Experience with **JIRA** for tracking bugs to reduce downtime and communication with the team in various environments.

PROJECTS

- Full stack E-commerce App** A full stack **NextJS** app built from authentication to payment services. Implemented authentication with **Auth0**, built the backend with **Strapi** to create the API for the app and integration with **Cloudinary** for media content. Implemented **GraphQL** to query the API data. **Framer motion** for animations on the app. Used **Stripe** to set up payment module.
- Waves Music** A music application built with **React**
- 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)** Integration of **Alan AI** API with **ReactJS** to develop a web application that displays news to the user with **audio input**
- ReactJs with NFT (Web Development, Web 3.0)** An **Ethereum** based APP/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 mint NFTs.
- Google clone** A **React** web app using **Google custom search API** to replicate Google Search functionality