Jay Patel

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EDUCATION

- **Concordia University** — Montreal, Quebec, Canada
  Master of Applied Computer Science - GPA: 3.69/4.3 — *January 2021 - August 2022*

- **Sardar Vallabhbhai Patel Institute of Technology** — Anand, Gujarat, India
  Bachelor of Engineering – Computer Engineering - GPA: 8.83/10 — *September 2016 - July 2020*

SKILLS SUMMARY

- **Front End Technologies**   HTML, CSS, JavaScript, React, Next.js, React Native
- **Back End Technologies**   Firebase, MongoDB, SQL, Express, GraphQL
- **Programming Languages**   C, C++, Java, JavaScript, Python
- **Supporting Tools**   Docker, Git, GitHub, VS Code, JIRA

EXPERIENCE

- **Full Stack Developer**
  Absolute Labs — *February 2023 - May 2023*
  - Delivered features and resolved issues on the Web3 platform using **React** (frontend) and **Django** (backend).
  - Utilized React **hooks**, state management with **reducers**, and rendered versatile forms.
  - Created optimized styling with **Bootstrap** and **SCSS**, while ensuring fault-free React Flows.
  - Monitored database deployments using **Google Cloud Platform** and **BigQuery** for generated **SQL** queries.
  - Managed and resolved **45+** tickets using **Asana** for tracking bugs and tasks.

- **Academic Information Technology Services - IT Service Desk Operator**
  Concordia University — *January 2022 - April 2023*
  - Provided academic computing and information services to support teaching, administrative, and research activities.
  - Resolved **400+** tickets/queries by querying **Linux** servers, performing **SSH** tunneling, and utilizing the FootPrints ticketing portal.
  - Proficient in **network** setup, including network jacks and **remote desktop connections**.

- **Full Stack Developer**
  Goods India Carrier — *September 2019 - Dec 2020*
  - Developed **3+** responsive pages and **single-page** web applications using the **MERN** stack.
  - Implemented **RESTful** web services and utilized **Redux** for state management.
  - Built **4** microservices with **Express** and **Docker**, orchestrated with **Kubernetes** on GCP.
  - Set up CI/CD pipelines with **Git, GitHub, and Jenkins**, ensuring smooth deployment with **Docker** images.
  - Coordinated bug tracking using **JIRA** for effective communication within the team.

PROJECTS

- **Full stack E-commerce App** Built a Next.js app with authentication, Strapi for API, Cloudinary for media optimization, GraphQL for querying, and Stripe for payments.

- **RISK** Programmed a Java-based game similar to Warzone by Hasbro, formulated Maven CI/CD pipeline with GitHub Actions.

- **Web 3.0 with React** Integrated Ethereum-based React app with OpenSea NFT marketplace using MetaMask, deployed with GitLab pipelines on AWS.

- **AI Face Mask Detector** Trained a PyTorch-based CNN model for face mask detection, achieved 8% accuracy, improved with data augmentation and cross-validation.