Jay Patel Vancouver, BC

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SKILLS SUMMARY

- **Front End Technologies**   HTML, CSS, JavaScript, React
- **Back End Technologies**   NodeJS, MongoDB, PostgreSQL, GraphQL
- **Other Languages**   C, C++, Java, Python
- **Version Control**   GitHub, GitLab
- **Cloud Platform**   AWS, GCP
- **DevOps**   Terraform, Jenkins, Ansible, Docker, Kubernetes
- **Project Management**   Jira, Asana

EXPERIENCE

Full Stack Developer

Absolute Labs   *February 2023 - Present*

- Develop, ship new features and maintain SaaS based CRM web application employing React and Django frameworks.
- Translate UI/UX designs from Figma into fully functional components and templates, ensuring seamless integration with the platform.
- Implement Bootstrap and SCSS for responsive design, refined styling, performance across various devices, cross-browser compatibility and screen sizes.
- Develop REST APIs with Python and test responses using tools like Postman and Swagger UI, ensuring the robust backend services.
- Harness the power of BigQuery for insightful api responses through SQL queries, enabling informed decision-making and enhancing frontend presentation.
- Collaborated with DevOps team to implement CI/CD pipeline with Jenkins, integrating Docker and Kubernetes (EKS) for continuous deployment and delivery of microservices.
- Author technical documentation for new features, API guides, version control standards to facilitate knowledge sharing and to streamline onboarding process for new developers.
- Review code rigorously, focusing on reusability and reliability, demonstrating a meticulous approach.

Academic Information Technology Services - IT Service Desk Operator

Concordia University   *January 2022 - April 2023*

- Provide academic computing, information services to support teaching, administrative and research activities of students, staff and faculty of Concordia University.
- Experience querying Linux servers, SSH tunneling to access internal University's databases.
- Compiled process documentation. Prepare network jacks, establish remote desktop connections.
- Performed preventative maintenance, including the installation of service packs, patches, hot fixes, anti-virus software, etc.
- Collaborated closely with System Administrators, InfoSys, Desktop groups and other IT teams to provide solutions.

React Native Developer

Nimblechapps Ltd   *June 2020 - January 2021*

- Developed and maintained React Native components, screens, and features across 3+ mobile apps, ensuring optimal performance and user experience for clients.
- Collaborated with designers on critical UI/UX design decisions, contributing to the creation of mockups and ensuring a seamless and visually appealing mobile app interface.
- Executed integrations with SOAP UI and interacted with REST APIs, ensuring smooth communication between the mobile apps and server-side functionalities.
- Implemented features, such as real-time updates and push notifications, utilizing React Native capabilities to enhance overall app interactivity.

Junior Web Developer

Goods India Carrier   *July 2019 - May 2020*

- Assisted the development of 2+ responsive pages and single-page web applications, leveraging the MERN stack.
- Collaborated with designers on UI/UX decisions, contributing to the creation of mockups and ensuring a seamless and visually appealing interfaces.
- Optimized API response time by constructing efficient RESTful web services and implemented Redux for robust state management.
- Collaborated closely with back-end developers to address and resolve front-end challenges, ensuring seamless integration.
- Exposure building 4 microservices using Express and Docker, orchestrated via Kubernetes on AWS, achieving exceptional microservice uptime.
- Maintained a high standard of bug resolution, achieving an average resolution time of 48 hours through meticulous tracking and effective communication using JIRA.

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

PROJECTS

- **Full Stack E-commerce App** Developed a comprehensive Next.js application featuring user authentication, with Strapi utilized for building APIs, Cloudinary for efficient media optimization, GraphQL for seamless data querying, and integrated Stripe for secure payment processing.

- **RISK** Programmed a Java-based game inspired by Warzone by Hasbro. Implemented a robust Maven CI/CD pipeline using GitHub Actions to automate the build and deployment processes, ensuring a streamlined development workflow.

- **Web 3.0 with React** Integrated an Ethereum-based React application with the OpenSea NFT marketplace, leveraging MetaMask for seamless blockchain interactions. Deployed the application using GitLab pipelines on AWS, contributing to the evolution of the decentralized web.

- **AI Face Mask Detector** Trained and implemented a PyTorch-based Convolutional Neural Network (CNN) model for face mask detection. Achieved an accuracy of 8% and continually improved the model's performance through techniques such as data augmentation and cross-validation.