Nilkumar Patel

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Skills

- JavaScript | Python | Ruby on Rails | Django | Angular | Git | React | React Native | Java (J2EE) | Ember | Next
- AWS | Google Cloud | CI/CD | Jenkins | Docker | Cucumber | MySQL | NoSQL | Firebase | MongoDB | OOP
- Microservices | Frontend | Backend | Full-Stack

Experience

Full Stack Developer **HealthPRO Canada** *Oakville, ON, Canada* **08/2023 - Present**
(React, Ruby on Rails, PostgreSQL, Azure)

Working on frontend and backend for converting a legacy contract management system to a modern web application with cutting-edge technologies.
- Creating database schemas to support and migrate a large amount of existing data, after extracting and transforming it to a clean set (**ETL**).
- Using tools like **Hotwire Turbo / ReactJS** to make a reactive frontend for a part of the web application.
- Building Dashboards with **ChartJS** for the clients to visualize product, supply chain, and contracting data in a meaningful manner.
- Understanding the Healthcare equipment contracting steps to engineer a solution that works across a different set of clients and fixes problems present in the **legacy system**.

Full Stack Engineer **SimplifyVMS** *Toronto, ON, Canada* **06/2023 - 06/2024**
(Angular, Django, MySQL, AWS)

Worked with a cross-functional team using emerging technologies and following best practices to deliver a VMS SaaS used by large enterprises.
- Developed reliable core **restful APIs** while maintaining security and performance of the overall backend architecture.
- Optimized **database schemas**, queries, and data models for efficient storage, retrieval, and manipulation of information.
- Designed a better UI by following industry and organizational standards, and efficiently **improving user experience**.
- Understood a **multi-tenant** vendor management system to tackle data related risks and participating in regular meetings to stay informed about client feedback.
- Troubleshooted and resolved software defects, **performance bottlenecks**, and technical issues, ensuring timely resolution to minimize disruptions in system functionality.

Software Engineer **FreshBooks** *Toronto, ON, Canada* **11/2021 - 03/2023**
(EmberJS, Flask, GCP)

Collaborated with a team of six Software Engineers, a Product Manager and a Designer, to improve and maintain an existing accounting software's customer-centric UI, and to contribute to the development of a new organizational translation service.
- Led an initiative for **performance optimization** which resulted in front-end bundle size reduction of over 18%, and faster FCP times.
- Developed a language translation service by following **hexagonal architecture** where tools such as **Google Cloud PubSub** and **CloudSQL** were used.

- Helped in analytics and created alerts using monitoring tools such as **Datadog**, which resulted in **99.98% uptime** on an average.
- Managed to make the web application **91% compliant** in Level Access audit and made internationalization easier to implement through an internal **microservice**.

Education

Post Graduate Diploma	**Confederation College**	*Thunder Bay, ON*	**01/2020 - 08/2021**

- Major in ICT Solutions

Bachelor of Science	**Gujarat Tech. University**	*Gandhinagar, India*	**08/2015 - 05/2019**

- Major in Computer Engineering

Projects

- **Cricketable:** Cross-platform application made using **React Native** and **Firebase** that helps people with similar interests connect. **(08/2021)**
- **SQL Executor for Excel:** Windows desktop application made with **Python** and **TKinter** that can execute SQL Queries on Excel spreadsheets. **(04/2019)**

Awards

- **Grant:** Received scholarship from Confederation College for persistent studies and involvement in extracurricular activities. **(01/2021)**
- **First Prize**: Won Web Weaver, a web development (**HTML**, **CSS**, **JS**) competition organized by Gujarat Technological University. **(09/2018)**