

# Nilkumar Patel

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## Skills

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- JavaScript | Python | TypeScript | 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

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**Full Stack Engineer**  
(Angular, Django, MySQL, AWS)

SimplifyVMS

Toronto, ON, Canada 06/2023 - Present

*Working with a cross-functional team using emerging technologies and following best practices to deliver a VMS SaaS used by large enterprises.*

- Developing reliable core **restful APIs** while maintaining security and performance of the overall backend architecture.
- Optimizing **database schemas**, queries, and data models for efficient storage, retrieval, and manipulation of information.
- Designing better UI by following industry and organizational standards, and efficiently **improving user experience**.
- Understanding a **multi-tenant** vendor management system to tackle data related risks and participating in regular meetings to stay informed about client feedback.
- Troubleshooting and resolving software defects, **performance bottlenecks**, and technical issues, ensuring timely resolution to minimize disruptions in system functionality.

**Software Engineer**  
(EmberJS, Flask, GCP)

FreshBooks

Toronto, ON, Canada 11/2021 - 03/2023

*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

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**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

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- **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

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- **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)**