

# Sagar Patel

## Software Engineer

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Java

Spring

Python

Javascript

React/Vue

SQL

GCP

Azure

## Experience

### Software Engineering Intern

May 2020 - Dec 2020

#### PointClickCare

Mississauga, ON

- Owned the delivery of a major product enhancement that provided users with rich geospatial information using Azure Maps.
- Built a central pub/sub notification service allowing any product within the company to utilize and keep their customers stay up to date.
- Improved the reliability of Pendo's interaction analytics inside of embedded PowerBI reports to better understand users during their product journey.

### Software Engineering Intern

May 2019 - Aug 2019

#### Agilis Networks

Sudbury, ON

- Architected a production-grade onboarding service, allowing for smooth transitioning of new clients using modern web frameworks.
- Reduced turnaround time by 40% for the customer onboarding process by developing a pipeline of automated procedures using Google Cloud Functions.

### Founder/Software Engineer

Present

#### Thrive Media

Toronto, ON

- Directed a team of designers & developers to provide promising solutions for clients.
- Improved the reliability of client apps by transitioning over to cloud solutions, enabling dynamic scaling to meet demands.

## Professional Development

### Published Customer App • Kuppajo Espresso Bar

- Architected a reliable in-app reward system for a Coffee Shop Franchise that receives up to 3000 monthly users.
- Utilizes Cloud Services to save user data and scale according to peak demand.

### Heart Disease Monitoring App • Cor.AI

- Reported users their risk of heart diseases and irregularity using recorded fitness band data.
- Acquired more consistent results by utilizing a Random Forest Machine Learning model trained with a set of 10,000 data points.

## Education

### B.Cosc, Mathematics & Computer Science (Co-op)

Graduating May 2021

#### Laurentian University/Université Laurentienne

- Honors Entrance Scholarship (\$2000), Deans Honor List.
- Relevant courses: Data Structures, Algorithm Design and Analysis, Discrete Mathematics, Artificial Intelligence.
- Affiliations: Laurentian Computer Science Club (Admin), Students Against Impaired Driving (Admin).