

# Dhruv A Patel

[dhruvapatel.com](http://dhruvapatel.com)

updated Aug 28<sup>th</sup>, 2020  
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## Education

**York University**

Toronto, ON

August 2017 – Dec 2019

- BA in Information Technology

**Centennial College**

Toronto, ON

Sept 2015 – May 2017

- Diploma in Software Engineering

## Experience

**Knayo Technologies - Software Developer**

Toronto, ON

May 2019 - present

- Developed, designed, and launched a visitor management system.
- Communicated with clients to collect requirements and described product features.
- Analyzed requirements and designed the process flow of the system.
- Developed the application using PHP and MySQL database.
- Used expertise in SDLC and core Java technologies to create desktop application to meet client requirements.
- Performed JUnit and integration testing.
- Developed efficient algorithms and utilized various data structures such as Linked Lists, Arrays, Queues, HashMap in Java.
- Utilized Git and GitHub for version control management.
- Utilized Java features such as Collections and Exception Handling mechanism.

## Projects

### Sorting Algorithms Visualizer

Web app using React JS

<http://dhruv9799.github.io/Sorting-Visualizer>

- Visualized Merge Sort, Quick Sort and Bubble Sort by using bars representing randomly generated arrays.

### TalkBox Pro

Desktop app using Java

- Developed integrated consumer applications for speech impaired people using JAVA
- Utilized Git and GitHub to maintain version history of the code
- Created test plans and developed test code for unit and integration testing
- Analyzed and fixed the bugs Identified by the users

### Wooden Churner

E-commerce web app using React JS

<https://wooden-churner.herokuapp.com/>

- Developed an E-commerce web app for an organic oils brand.
- Implemented user authorization and Google Sign-In functionality using Google Firebase.
- Used redux to maintain state of the app in a single immutable state tree.
- Implemented payment using Stripe API.
- Optimized the app by using Hash Tables to store shop data which improves the time complexity for retrieving data.

More projects and information available at [dhruvapatel.com](http://dhruvapatel.com).

## Skills

### Languages

JavaScript, HTML/CSS3, Java, Python, C#, PHP

### Technologies

ASP.NET MVC, React, jQuery

### Databases

MySQL, MongoDB/NoSQL

### Extras

Project Management, Linux/Unix, System Administration

## Certifications

- **ASP.NET MVC** (April 2020)  
Udemy
- **Data Structures and Algorithms** (May 2020)  
Udemy
- **Python Mega Course** (May 2020)  
Udemy
- **Complete React Developer** (May 2020-Present)  
Udemy