

# Dhruv A Patel

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

## Education

**York University**  
ON

Toronto,

August 2017 – Dec 2019

- BA in Information Technology

**Centennial College**  
ON

Toronto,

Sept 2015 – May 2017

- Diploma in Software Engineering

## Experience

**Knayo Technologies - Software Developer**

Toronto, ON

May 2019 - present

- Developed, designed and launched 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.
- Performed unit and integration testing.
- Developed efficient algorithms and utilized various data structures such as Linked Lists, Arrays, Queues, HashMap.
- Utilized Git and GitHub for version control management.
- Utilized Java features such as Collections and Exception Handling mechanism.

## Projects

### Sorting Algorithms Visualizer

Web app in React

<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 in 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

### Vidly

Video Rental app in ASP.NET

- Wrote clean and organizable code using MVC.
- Learned to use migrations and Data Transfer Objects (DTO) and how it helps in implementing code first approach.
- Built RESTful Web APIs and tested them on Postman
- Learned importance of View Models when passing data between controllers and views.
- Implemented third party login functionality using Facebook, Google+, etc.

## Skills

### Languages

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

### Technologies

ASP.NET, 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

More projects and information available at [dhrupapatel.com](https://dhrupapatel.com)