

# Dhruv A Patel

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

updated Oct 6<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 applications.
- Performed unit and integration testing.
- Developed efficient algorithms and utilized various data structures such as Linked Lists, Queues and HashMap in Java.
- Utilized Git and GitHub for version control management.
- Utilized Java features such as Collections and Exception Handling mechanism.

## Freelancing

### Wooden Churner

E-commerce app using React Js

[wooden-churner.herokuapp.com](http://wooden-churner.herokuapp.com)

- Developed an E-commerce web app for an organic oils brand.
- Used Firebase to store shop data, implement user authorization and sign-in with google.
- Used redux to maintain state of the app in a single immutable state tree.
- Implemented payments using Stripe API.
- Used redux-saga to manage application side effects.
- Used react hooks to convert class components to functional components.
- Performed headless browser testing with Jest and Enzyme.

## Projects

### Amazon Clone

<https://clone-cd89a.web.app/>

- Used React, React Context API for state management and stripe for payments.

### TalkBox Pro

Desktop app using Java

- Developed integrated consumer app for nonverbal people.
- 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.

### Sorting Algorithms Visualizer

Web app using React JS

[dhruv9799.github.io/Sorting-Visualizer/](http://dhruv9799.github.io/Sorting-Visualizer/)

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

## Projects continued...

### Vidly

Video Rental app using ASP.NET/C#

- Implemented code first approach using Data Transfer Objects (DTO).
- Built Restful Web APIs and tested them on Postman.
- Used View Models to pass data between controllers and views.
- Implemented third party login functionality using Facebook and Google.

## Skills

### • Languages

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

### • Frameworks/Technologies

ASP.NET MVC, React, Bootstrap, JUnit, GraphQL, Apollo, Jest, Enzyme, AWS

### • Databases

MySQL, MongoDB/NoSQL

### • Extras

Project Management, Linux, System Admin

## Certifications

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

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