Dhruv A Patel

dhruvapatel.com

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dhruvp9799@gmail.com

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 web app using React JS
https://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.

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
http://dhruv9979.github.io/Sorting-Visualizer
- Visualized Merge Sort, Quick Sort and Bubble Sort using randomly generated arrays

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**

  ASP.NET MVC, React, Bootstrap, JUnit

- **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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