



# Dhruv Patel

## Aspiring Software Engineer


My current objective is to obtain a full-time/internship position to gain industry experience utilizing the skills I've amassed to solve larger problems we as a society face with software. Currently, my focus has been on web development specifically using React and Javascript, but I also have experience working with other technologies and am self-motivated to continue to learn.

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[dhruv-patel1.github.io/portfolio-v3/](https://github.com/dhruv-patel1) 

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## EDUCATION

### B.S. Computer Science

#### Rutgers University

09/2017 - 05/2021

New Brunswick, NJ

##### Relevant Courses

- Intro to Java
- Data Structures & Algorithms
- Discrete Mathematics
- Principles of Information & Data Management
- Computer Security
- Computer Architecture
- Design & Analysis of Algorithms
- Software Methodology
- Internet Technology & Networks
- Principles of Programming Languages

## WORK EXPERIENCE

### Front-End Developer

#### RL Inc. | Startup

12/2020 - Present

Jersey City, NJ

##### Achievements/Tasks

- RL is a service that makes the integration of artificial intelligence into games easier.
- Designed and implemented a reusable component library.
- Effectively launched homepage site to quickly market the product.
- Currently, architecting dashboard web application to allow users to manage services of the product.
- Collaborated with a small team to design the homepage and dashboard sites on Figma.
- Development Tools: React, SCSS
- Other Tools: Trello, Figma, Github

### Fitness Assistant

#### Rutgers Recreation

05/2019 - 01/2020

New Brunswick, NJ

##### Achievements/Tasks

- Recorded and inputted data into the system pertaining to the occupancy whilst troubleshooting any issues with system performance on devices to obtain a more accurate real time count of people using the facility.
- Trained and received certifications in CPR/First Aid to assist patrons with any injuries sustained.

## INTERESTS

## SKILLS

### Programming Languages

Javascript, Typescript, HTML5, CSS3/Sass, Python, Java, JSP, C/C++, SQL

### Libraries & Frameworks

React, Redux, Node.js

### Tools & Platforms

Git, Trello, Webpack, Heroku, Firebase, Chrome DevTools, React DevTools

### Design & Testing

Figma, UML, JUnit, Jest

## PROJECTS

### Vendorsphere

11/2020 - Present

- Created a small business solution to help businesses without websites manage, track, and market their inventory conveniently online to prospective customers using React, Redux and Firebase Real Time Database and Storage.

### Access Control System

09/2020 - 10/2020

- Designed and implemented a Python CLI tool that handles various forms of commands to accomplish different tasks related to authorization and permissions locally.
- Stored all access information efficiently in local json files that are generated and updated within the same directory.

### Meal Scouter

06/2020 - 07/2020

- Developed an web application using React, Google Maps API, and Edamam API that offers a convenient solution to finding your next meal whether it be at a restaurant or at home as you can quickly search for restaurants or recipes all in one place.
- Implemented and experimented with different key UI/UX principles to achieve a clean, minimalistic design that emphasizes usability/accessibility.
- Created various reusable components to write cleaner and more readable code.

### Airline Travel Reservation System

11/2019 - 12/2019

- Developed an online flight reservation system by building a database using MySQL, creating a user interface using HTML/CSS, and connecting the UI and the database with Java and JDBC.
- Incorporated customer and admin functionality features which include viewing all available flights, reserving flights, checking reservation history, canceling flights, and etc.

Web Development

Gaming

Fitness