

# Hemang Desai

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## SKILLS

React / Redux, Python, JavaScript, Postgresql, SQLAlchemy, Git, HTML5, CSS3, Express.js, Node.js, Data Structures, AWS

## PROJECTS

**Mango Music** - Engineered an Apple Music clone using React / Redux and Flask

[Live Site](#) | [Github](#)

- Integrated the use of AWS to allow registered users to upload songs as well as album and artist artwork to promote scalability and organization for large amounts of data.
- Employed a streamlined Redux store that provided ease of use in pulling music data into the React components based on specific API queries in Flask causing no re-renders and a uniform user experience.
- Created a top-level music player using HTML5 audio and React, allowing the registered user seamless audio throughout the application even when navigating to other parts of the page.

**Quick-Pics** - Created an Instagram clone using React / Redux and Flask

[Live Site](#) | [Github](#)

- Designed a simple Vanilla CSS based UI similar to that of Instagram suited for desktop viewing as well mobile responsiveness.
- Using react and flask created a button that would display 'follow' or 'following' depending on the relationship with the profile. The button would update asynchronously using useEffect hooks.
- Designed the feed page, using a follower Joins table in the flask backend, that would automatically populate posts based on users who you are currently following.
- Providing user privacy by utilizing authentication routes in the frontend to hash passwords in the database as well as restricting access to specific site features.

**Console.Game** - Charted and built a Video Game version of GoodReads using Express.js, Node.js, and Pug

[Live Site](#) |

[Github](#)

- Designed a retro themed UI using Pug for ease of use for the user and streamlined how the games were rendered in each shelf utilizing an infinite horizontal scroll on each shelf.
- Incorporated API routes for dynamic page rendering for game reviews and ratings to allow for improved user experience.
- Constructed a simple database using Postgresql to organize data and to provide a straightforward and uncomplicated approach in terms of communicating with the Express.js backend.

## EXPERIENCE

**Sogeti/Capgemini** - Senior Consultant. October 2021 - June 2022

- Aided developers in my team using SCSS, React, Javascript, Azure DevOps, and Microsoft D365 to build out various ecommerce site components that were deployed in record time to be used as live pieces of the Product pages.
- Took part in a SCRUM team layout, attending refinement, scrum, and organizational meetings each week.
- Obtained skills in NextJS, React component libraries such as Chakra, and workflow through Azure DevOps.
- Assigned various tasks and tickets consisting of building full page components that were completed with little to no refinement needed.

**App Academy** - Full Stack Software Engineering Bootcamp, December 2020 - June 2021

- Rigorous 1000-hour full-stack software development course with < 3% acceptance rate
- Gained skills in Python, SQL, Javascript, React, Redux, TDD, Networks, Algorithms, Design Patterns, REST, Object Oriented Programming, Security and programming best practices
- Assisted other programmers in project design including database construction, fetch calls, and UX layout of React elements to allow for smooth single page application development

**Assistant Manager** - Dunkin' Donuts, May 2016 - August 2018

- Navigated the team of employees as assistant manager to increase business and keep customers coming back by providing consistent and reliable customer service as well as efficiency and speed when providing the customers' orders
- The consistency in service led to a constant flow of customers both returning and new as well as records in numbers of profit and an overall increase in business.
- Restructured supply ordering and employee habits to decrease waste by 15% and increase overall profit margin by 10%.

**Head Tutor** - Kumon Learning Center, June 2011 - May 2016

- As the head tutor, I assisted students (of all ages) in the acquisition of basic and advanced academic skills in the fields of mathematics and writing.
- Instructed students in critical reading skills up to 12th-grade level and math techniques up to calculus level, leading to improvements in students' grades whereas no student resulted lower than an "A" in their respective class.

## EDUCATION

**New York University** - Bachelor of Arts in Psychology (Fall 2015 - Spring 2020)