Sunny J. Raval

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OBJECTIVE

Self-motivated and hardworking fresher seeking for an opportunity to work in a challenging environment to prove my skills and utilize my knowledge & intelligence in the growth of the organization.

EDUCATION

Bachelor of Science, Computer Science   Anticipated Graduation: DEC 2021

New Jersey Institute of Technology, Newark, New Jersey   GPA: 3.84/4.0

September 2019 – Present

RELAVENT PROJECTS

- MyDay App – Spring 2021 https://sheltered-cliffs-07599.herokuapp.com/
  - Constructed a multifunctional web app similar to Yahoo, in a small team under the supervision of a Facebook industry mentor, which verifies user login via Google authentication, providing users access to app functionalities such as looking up weather forecast, discovering latest trending news, and inquiring Covid statistics for a specific country, and a user customized to-do list.
  - Functional programming in React, fetching dynamic data with REST APIs, Git version control with branching, real time networking with Socket-IO, client-side, and server-side test coverage, persisting data in Postgres database, continuous Heroku deployment, industry-standard (Airbnb) linting.
- Tic Tac Toe Game App – Spring 2021   https://calm-lowlands-21019.herokuapp.com/
  - Developed a live multiplayer Tic Tac Toe game in three weeks that supports 2 players and up to 10 spectators at once, with saved user game history.
  - Functional programming in React, Git version control with branching, real time networking with Socket-IO, unit test coverage, persisting data in Postgres database, continuous Heroku deployment, industry-standard (Airbnb) linting.
- Music Discovery App – Spring 2021 https://sleepy-mountain-10144.herokuapp.com/
  - Built a music discovery web app in two weeks using Spotify API data that suggests new music to users, allowing them to follow along with Genius lyrics.
  - Embraced modern development techniques such as Git version control, fetching dynamic data with REST APIs, and using a client-server architecture with Flask backend and HTML/CSS frontend.

Extra Projects: Tour Company App, Banking App, Todo App,

SKILLS

Programming Languages: Python   PHP   C#   C++   Java

Web Development /Scripting: HTML5   CSS3   JavaScript (React)   Bash

Networking / Protocol Analyzer: Wireshark   GNS   Routing Protocols   Socket Programming

Databases: MySQL   MariaDB   MongoDB

Data Science: Python: NumPy, Pandas, Matplotlib   Excel

Version Control: Git and GitHub

AWARDS/ACHIEVMENTS

Dean's List :
Spring 2018, Fall 2018, Spring 2019,
Fall 2019, Spring 2020, Fall 2020, Spring 2021

Passaic High School :
Boys Tennis Team: Captain Season 2018

VOLUNTEER WORK

Hindu Swaminarayan Temple - Lake Hiawatha, NJ
Volunteered for: Creating temple website, helped with cleaning and managing the temple.

U.S Citizen