PRIYANKA CHANBRASEGARAN

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GitHub: https://github.com/Priyanka6276

Professional Summary

A creative software engineer who is eager to challenge complex tasks and learn. Experience working on front-end and back-end code projects in a team and independently. Determined and goal-oriented tech professional seeking opportunities to apply technical and strong interpersonal skills such as effective communication, creative problem resolution abilities, and innovative technical application.

Skills

- Web Development using **HTML**, **CSS**, and **Javascript**
- Full-Stack Web Application development using **MongoDB, Express, React, Node.js**
- Back End Development Connecting **Javascript Application** to **MongoDB**.
- Use of **Figma and Photoshop** to create web design mockups
- Push to store work on **GitHub** and deploy on websites such as Heroku and Render
- Implement **RESTful APIs** by using the Hypertext Transfer Protocol (HTTP)
- Data structure and Algorithms, used to organize data and solve particular problems.
- Use of authorization to create protected users within a website
- Ability to work closely with a team or independently to solve problems, test methods, and best practices

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Education

Per Scholas | September 2022 - Present
- 525+ hours of training over a 15 week period
- A comprehensive I.T. curriculum, incorporating a unique blend of formal instruction and hands-on activities, in a real-world working environment
- Software Engineering Certification

CUNY City College | January 2019 - Present
Master of Sciences - Physics

SUNY Binghamton | August 2014 - August 2018
Bachelor of Arts - Biology

Professional Experience

CUNY City College
Teaching Assistant | September 2019 - December 2019
- Oversaw the homework and quizzes for an introductory level Physics class
- Communicated with a class of 70 students to improve their understanding of the subject
- Collaborated with the Professor of the class to ensure homework and quizzes were graded within two days of submission

Staten Island Zoo
Intern | May 2016 - January 2018
- Prepared diet for the over 100 hundred animals at the zoo by learning from zoo keepers about each animal's nutritional needs
- Ensured the care of over 30 program animals in the educational department by collaborating with other interns to perform tasks efficiently and promptly
- Taught zoo visitors about animals at the zoo, as well as help guide them through the zoo

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Personal Projects

Game Project: https://github.com/Priyanka6276/game_project
- A Dungeons and Dragons inspired text adventure game where choices are made and are carried over throughout the game
- Skill checks using a random number generator plus the skills of the player's character stimulating dice rolls in Dungeons and Dragons
- Created with only Javascript, HTML, and CSS
- Implemented multiple algorithms to calculate dice rolls and move on to the correct outcome in the game
- Testing done to ensure the game runs smoothly

Language Note Taking App: https://github.com/Priyanka6276/Full-Stack-MERN-App-Project
- A full CRUD App using the full MERN stack: MongoDB/ Mongoose, Express, React, Node.js
- Implemented User Authorization to ensure data is secure for the user
- Users can create, edit, and delete notes or vocabulary words to aid in their foreign language studies
- Ability to search for specific notes or vocabulary words on the designated page
- Plans to include a translation feature and a flashcard feature