Sharlene Imperial

Software Engineer

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Portfolio | LinkedIn | GitHub

I am a Software Engineering graduate from General Assembly. Fueled by my desire to meaningfully interact with people, I have a vast curiosity and appreciation for the challenge of designing software that can enrich peoples' lives. With many years in the customer service industry, I understand human interaction. I am eager to join a software engineering team that will synthesize my capacity to work with others and my new toolkit in the list of skills below that will ultimately provide meaningful projects to support humanity.

Skills

Languages - HTML, CSS, JavaScript, Python, SQL, NoSQL
Databases - MongoDB, Postgres
Server-side - Node.js, Express, Django

Client-side - ReactJS, jQuery, Bootstrap
Concepts - OOP, MVC, REST, F.I.R.S.T Principles, Agile/SCRUM
Tools - VSCode, Git, GitHub, Postman, Heroku

Projects

Imperial Tetris - A web app in which users can move, rotate, and set tetropieces, just like the classic Gameboy Tetris game.
Technologies Used - HTML | CSS | JavaScript | Git | GitHub
Contributions:
- Used HTML and CSS to create UI for the application
- Utilized JavaScript and JQuery to do DOM and CSS Manipulation to create an immersive experience
- Implemented various inbuilt JavaScript methods

Movie Fans App - A web app in which users can browse movies, tv shows and add their favorites to the database.
Technologies Used - HTML | CSS | Javascript | Node.js | Postgres | SQL | Express | EJS | Passport | OMDb API | Axios | BCrypt | Git | GitHub
Contributions:
- Utilized OMDb API to seed database with movies and shows
- Implemented CRUD, login, and filtering functionality using Node.js
- Created the UI using Javascript, Bootstrap, and CSS

GetFit Guru App - A web app in which you can browse exercises and create routines. Track and chart your progress to reach your fitness goals.
Technologies Used - JavaScript | React.js | Node.js | Mongoose | CSS | Bootstrap | ReactCharts| Git | Github
Contributions:
- Pair Programming Project that utilized Git and Github for version control
- Setup a full-stack MERN application
- Created CRUD functionality using Mongoose/MongoDB on the backend and React.js/Express on the frontend
- Utilized React router to modularize frontend code to create various views for certain parts of the web application
- Integrated ReactCharts to visually display workout progress.

Imperial Cuisine Ordering & Delivery System - A web app in which users can search our menu, order food online, and delete orders.
Technologies Used - Python | Django | Postgres | HTML | Bootstrap | Git & Github
Contributions:
- Setup Django framework
- Created CRUD, login, and filtering functionality using Python and Django
- Utilized HTML, Python and Bootstrap to create the client-side
- Added login and filtering functionality

Education

Software Engineering Immersive Remote | General Assembly | Certificate
August 2, 2021 - October 25, 2021
500+ hour remote, full-stack software engineering immersive program aimed at building skills in the latest front- and back-end programming languages, tools, and methodologies including: ReactJS, HTML, CSS, Javascript, Python, Django, jQuery, PostgreSQL, Express, Mongoose, MongoDB, NodeJS, Git, Github, Heroku, Postman, and Agile/Scrum.

Network Systems Administration, ITT Technical Institute | Associate Degree
July 2014 - September 2016
Computer Structure and Logic, Client-Server Networking I & II, Physical Networking, Basic Programming, Linux Networking, Database Concepts, Information Security, IP Networking, and Email and Web Services.

Prior Experience

Alaska Airlines | Customer Service Representative
June 24, 2019 - September 25, 2020
Assisted and checked in passengers for domestic and international travel by using computerized systems. Worked in a fast-paced environment. Processed tickets, checked in baggage, tagged luggage, ticketing changes, re-booking, special services requests, and monitored carry-on baggage for size and quantity, collected checked baggage fees. Provided information on arrival and departure times, boarding procedures, gate changes, and carry-on regulations.