Raymond Nwambuonwo
Software Developer

Contact

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Summary

A software developer with a Master of Science in higher education and a strong aptitude for learning and applying new concepts. From formal education to on-the-job training, I am prepared to assist software professionals in the development and modification of software and technological projects. As a former educator, I understand the importance of utilizing and conveying information effectively. My experience as a software developer has enhanced my abilities in designing, implementing, and upgrading software. One of my primary objectives is to keep updated with the latest IT trends and technologies. I am confident that if given the opportunity, I can be a useful talent to the company.

Skills

FRONT END DEVELOPMENT
Bootstrap
CSS
HTML
JavaScript
ReactJS
Material UI

BACK END DEVELOPMENT
Django
Express
MongoDB/Mongoose
NPM
Python
PostgreSQL
RESTful APIs
Node.JS

OTHER TECHNOLOGIES
Adobe XD
Adobe Lightroom
Final Cut Pro X
Github
Heroku
Netlify
Postman
Agile Methodologies
SCRUM

Full-Stack Projects

CoTripper | github.com/CotripperPlatform/CoTrip
- **Description:** CoTripper is an application that facilitates organized group travel experiences for single-mothers. My contribution consisted of establishing an icon component library, creating the message inbox, and collaborating on the creation of the new user page. This project consisted of a team of 25 engineers where agile methodologies were used to conduct team stand-ups and manage project road-blocks to meet deadlines.
- **Technologies Used:** Python, Django, PostgreSQL, PeeWee, Storybook, & React.

Otoi | github.com/RaymondNwambuonwo/Otoi
- **Description:** A group project consisting of 3 engineers. This application was developed as a way to keep track of important information and to have it in one central place with full CRUD functionality.
- **Future Development:** In the future, we are looking to add authentication to allow users to make profiles and login to see their specific data. We will also like to make it mobile responsive as well.
- **Technologies Used:** MongoDB/Mongoose, Express, Node.js, HTML, CSS, Javascript, & React.

Intergalactic People | https://github.com/RaymondNwambuonwo/StarWarsMernFrontend
- **Description:** This is a MERN stack application utilizing the star wears API and developed with full CRUD allowing users to create, update, and delete a character.
- **Future Development:** In the future, I am looking to add more components to the application, utilizing films, starships, and planets from the franchise.
- **Technologies Used:** MongoDB/Mongoose, Express, Node.js, HTML, CSS, Javascript, & React.

Front End Projects

Portfolio| github.com/RaymondNwambuonwo/Portfolio
- **Description:** This is my portfolio that was created from scratch and showcases all of my projects.
- **Future Development:** In the future, I am looking to add the option for a user to choose categories of statements they would like to type.
- **Technologies Used:** HTML, CSS, JavaScript, React, Bootstrap, & Material UI.

Typing Game| github.com/RaymondNwambuonwo/Typing-Game
- **Description:** This is a front end application typing game that generates random statements for the user to copy and test the speed of their typing.
- **Future Development:** In the future, I am looking to add the option for a user to choose categories of statements they would like to type.
- **Technologies Used:** HTML, CSS, & JavaScript.

Memory Match |github.com/RaymondNwambuonwo/Memory-Match
- **Description:** A card matching game using popular computer languages and is deployed with Netlify.
- **Future Development:** In the future, I am looking to add a menu and more stages with cards that incorporate more things that are associated with coding. For now, users can simply play the one stage that is available.
- **Technologies Used:** CSS, HTML, & JavaScript.

Tic-Tac-Toe | github.com/RaymondNwambuonwo/Tic-Tac-Toe
- **Description:** A tic tac toe game developed in vanilla JavaScript.
- **Future Development:** In the future, I am looking to add the computer as a component and more style options to choose from.
- **Technologies Used:** HTML, CSS, & JavaScript.

Component Library | github.com/RaymondNwambuonwo/ComponentLibrary
- **Description:** This is a library made with storybook and it is filled with commonly used components such as buttons, dropdown menus, redeem/vouchers, and many more.
- **Future Development:** In the future, I am looking to add more components to choose from as this will minimize the need to rebuild things with each app.
- **Technologies Used:** CSS, HTML, JavaScript, React, & Storybook.

Back End Projects

Rolodex | github.com/RaymondNwambuonwo/PythonRolodex
- *Description:* This command-line application was developed to act as a Rolodex to store new contacts.
- *Future Development:* In the future, I am looking to add a graphical user interface (GUI). As of now, it can be used in the command line.
- *Technologies Used:* PeeWee, Pyscopg2, & Python.

Ping Pong | github.com/RaymondNwambuonwo/PythonPongGame
- *Description:* This command-line application was developed as a ping pong game with a GUI.
- *Future Development:* In the future, I am looking to add an option to play against the computer and to choose colors of paddles and ball.
- *Technologies Used:* Turtle & Python.

Speech Assistant | github.com/RaymondNwambuonwo/PythonSpeechAssistant
- **Description:** This is a speech assistant application that enables the user the say a few commands such as searching youtube, google, and storing names.
- **Future Development:** In the future, I am looking to add more commands to the application.
- **Technologies Used:** GTTS, Speech Recognition, & Python.

Link Shrink | github.com/RaymondNwambuonwo/Link-Shrink
- **Description:** This is an application that enables the user to enter a web address and have it returned as a shortened web address.
- **Future Development:** In the future, I am looking to add a front end to this application.
- **Technologies Used:** NodeJS, MongoDB/Mongoose, Express, ShortID, & EJS.

Experience

General Assembly, Software Engineering Immersive
Engineer Fellow
Washington, D.C.
Sept. 2019 to Dec. 2019
- Completed 500+ hours of web development training that included object-oriented programming, MVC frameworks, Data Modeling, Agile Software Methodologies, and Test-Driven applications.
- Utilized a hands-on approach to develop real-world applications while maintaining two GitHub profiles (Github & GH Enterprise) with a combined commit history of 400+ contributions.

University of Maryland
Academic Advisor
Largo, Maryland
Aug. 2018 to Aug. 2019
- Provided excellent customer service to a diverse student population by advising on strategic planning, SMART goals, and class enrollment.
- Managed progress of student academics within Salesforce and PeopleSoft software to ensure compliance with degree audits/clearances and transfer evaluations.

Medaille College
Resident Director
Buffalo, NY
Sept. 2016 to June 2018
- Supervised ten resident assistants and facilitated staff development through planning and leading weekly staff and one on one meetings and conducted low-level student conduct conversations.
- Organized staff development opportunities and participated in the hiring and training of residence life staff as to goals, objectives, university policies, procedures, professionalism, and ethics.
- Responsible for on-call duty rotation, serving as the professional staff contact responding to emergencies and crisis situations working cooperatively with Public Safety, Counseling Center and campus Living Staff.
- Oversee building walkthrough, open houses, damage assessments, room inspections, reporting and billing, maintenance requests, hall openings and closings, emergency crises, and other administrative tasks.

Education

General Assembly, Software Engineering Immersive, Washington, DC
Certificate of Completion Software Engineering Immersive
Sept. 2019 to Dec. 2019

The State University College at Buffalo, Buffalo, NY
M.S. Higher Education & Student Affairs Administration
Aug. 2016 to May 2018

State University of New York at Oswego, Oswego, NY
B.A. Broadcasting & Mass Communications
Aug. 2012 to May 2014

State University of New York at Tompkins Cortland Community College, Dryden, NY
A.A.S. Communications
Aug. 2010 to May 2012