IKENNA NWAJAGU

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OBJECTIVE

Seeking a Software Developer role at a dynamic firm that values my analytical and technical skills as well as provides scope for updating my knowledge. I seek a company that will help me contribute to its development while simultaneously aiding my personal growth

KEY SKILLS

Technical:
Front-End Language: JavaScript, React, HTML5, CSS3, Bootstrap/Materialize, jQuery
Back-End Language/Databases: Node.js, Express, RESTful API, MySQL, Sequelize, MongoDB, Mongoose
Other: Git, GitHub, Command Line, Heroku, Agile, Scrum, Wireframe, Trello
Non-technical: Communication, Teamwork/Collaboration, Problem Solving, Project Management, Instructional

PROJECTS

Business Ideas Forum App | Full-Stack Engineer | Github: https://bit.ly/39tVTpk | App: https://bit.ly/3f1z1OY
- Full Stack Web Application that allows entrepreneurs to record their ideas in a user forum, where other entrepreneurs can provide feedback, answer questions, or direct them to various resources
- *Role*: Focused primarily on the backend where Node and Express were utilized as the server-side tools to make the app functional. Also provided some help on the front end with React Context APIs and state management of the app.
- *Technologies Used:* React, Custom CSS & Boostrap, Rest API, Express.js, Node.js, MongoDB (Mongoose ORM), Authentication Middleware (Passport.js/bcrypt), Git, Heroku, Trello, Wireframe

Corona Chaser App | Frontend Engineer | Github: https://bit.ly/3gwBCC9 | App: https://bit.ly/3gwBl25
- A web application that helps track Covid-19 cases around the world using live data. It also specifically tracks cases in every country and uses a visualization too to show the data.
- *Role*: Implemented React workflow and hooks to help visualize and parse through the data from supplied from the API
- *Technologies Used*: JavaScript, React, Chart.js, Material UI, Third Party API (https://covid19.mathdro.id/api)

Manhattan Munchies App | Frontend Engineer | Github: https://bit.ly/3eZaxWS | App: https://bit.ly/2C5IXZW
- A web application meant for anyone on a budget in New York City that wants to experience excellent cuisine. This application uses jQuery AJAX calls to dynamically populate HTML with data on restaurants from Zomato API.
- *Role*: Implemented the Zomato API and used it to retrieve useful restaurant data dynamically displayed using Javascript
- *Technologies Used*: HTML, CSS (Bootstrap/UIKit), JavaScript, jQuery, Git, Third Party API

WORK EXPERIENCE

Capital Prep Harbor School, Bridgeport, CT | Upper School Math Illuminator | August 2018 – Present
- Design and implement differentiated lesson plans that incorporates Algebra II, Pre-Calculus, and Calculus content
- Lead and orchestrated an afterschool program that helped scholars improve on their Math MAP scores over the academic year on average by 75%

Norwalk Community College, Norwalk, CT | Adjunct Math Instructor | August 2017 – May 2018
- Instructed and lead Intro to Algebra/College Algebra courses

Ohio University Math Department, Athens, OH | Graduate Teaching Assistant | August 2015 – May 2017
- Lead Instructor for College Algebra and Calculus courses for undergraduate students
- Structured and designed exams to assess student's mastery of curriculum content

Achievement First, New Haven and Bridgeport, CT | Math Teacher and Tutor | September 2013 – June 2015
- Implemented various teaching techniques and differentiated instructions
- Successfully increased pass rates on standardized testing by 80% for 6th grade, 70% for 7th grade, and 90% for 8th grade

EDUCATION

University of Connecticut Stamford, CT | Full Stack Software Development Bootcamp | July 2020

Ohio University Athens, OH | Master of Science, Major: Applied Mathematics; GPA: 3.3 | May 2017

Fairfield University Fairfield, CT | Bachelor of Science, Major: Mathematics; Math GPA: 3.51 | May 2013