CHUKWUDI IKEM

Software Engineer
Sacramento, CA
P: 916-869-4995 | **E:** chukwudimikem@gmail.com
G: https://github.com/Super-Rogatory | **L:** https://www.linkedin.com/in/chukwudiikem/

TECHNICAL SKILLS

Front End | JavaScript (ES5+), React, Redux, HTML5, CSS3, Semantic UI
Back End | Python, Node.js, PostgreSQL, Redis, Sequelize, Express.js, FastAPI, Traefik, RESTful API, Authentication
Developer Tools | Git, GitHub, npm, Webpack, Babel, Foreman, TDD, JWT, Mocha, Chai

PROJECTS

Wordle Backend | *Developer | Feb 2022 – Jun 2022|* https://github.com/super-rogatory/wordle_backend
Wordle Backend is a load-balanced microservice implementation of a backend for the wordle guessing game.
- Built with Python, employed FastAPI for the RESTful backend server implementation.
- Persistent storage and tracking services implemented with SQLite and Redis. Load balancing (reverse proxy) handled in round robin style with Traefik.
- Plan to build front-end portion to add to backend project using Typescript and CSS.

Percent 45 | *Solo Developer | Mar 2022 – May 2022|* https://github.com/super-rogatory/thepercentfortyfive
Percent 45 is an image classifying project that uses machine learning to guess the nature of any image.
- Utilized Python for building the neural network with TensorFlow and Keras.
- Hosted project locally with FastAPI, created user interface with HTML and CSS.

Chatterly | *Sole Developer | Aug 2021 – Jan 2022 |* https://wechatterly.herokuapp.com/
Chatterly is a web socket based chat application that allows users to join rooms with friends and talk online together.
- Built with React alongside Semantic UI and CSS for the front end and Redux for state management.
- Developed project on top of Express and Socket.io socket based server. Utilized Node.js, and PostgreSQL for the back end.

Dinoguys | *Developer | Aug 2021 - Sep 2021 |* https://dinoguys.herokuapp.com/
Dinoguys is a 2D platformer battle royale style game where friends can compete to see who can make it to the finish line first!
- Dinoguys uses JavaScript's Phaser3 framework to power the game.
- Furnished with Socket.io, Node.js, Express to handle the server and multiplayer capabilities.

EDUCATION

California State University, Fullerton, Fullerton, CA   August 2017 – May 2022
Bachelor of Science in Computer Science | Minor in Mathematics | Cum Laude | GPA: 3.63
- Relevant Courses: Web Front-End Engineering, Web Back-End Engineering, Intro to Computer Security, Data Structures, Algorithms, Compilers and Languages, Software Engineering, Artificial Intelligence

Fullstack Academy, New York, NY   May 2021 - September 2021
Certificate in Software Engineering
- 17-Week full stack JavaScript web development immersive.
- Progressed in the bootcamp while adopting the PERN stack.