CHUKWUDI IKEM

Software Engineer

Sacramento, CA

G: https://github.com/Super-Rogatory | **L:** https://www.linkedin.com/in/chukwudiikem/

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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, user interface constructed with HTML and CSS.

Chatterly | *Sole Developer | Aug 2021 – Jan 2022 |* http://wechatterly.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.org/
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
- Pursued my passion for software engineering through advanced electives such as web front-end engineering, web back-end engineering, computer security,data structures, algorithms, and more.
- Member of the National Society of Black Engineers, serving as a representative of our chapter to the Dean of Engineering and Computer Science.

Fullstack Academy, New York, NY   May 2021 - September 2021
Certificate in Software Engineering
- Highly rated JavaScript-based 17-week long curriculum immersing students into the latest web technologies such as Node.js and React.
- Pair programming style curriculum prepares student for real-world remote work environments.