

Ajibola Onaopemipo

Fullstack Web Developer



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foderking

PROJECTS

Deobfuscate

A web app for "decrypting" minified / obfuscated javascript source files. It performs a bunch of operations to make the obfuscated code readable. It can be useful for reverse engineering.

- Source code beautifier / syntax highlighter.
- Variable Renaming.
- Eval, Array Unpacking.
- Proxy function removal.
- Expression Simplification.

WhoProduced

WhoProduced is a website and app database of producer credits. Uses the Genius api to retrieve producer credits. Uses the spotify api to fetch information about songs, artistes, and albums.

- It can also be used to view other song credits.
- Uses the Genius API.

Minimal React Template

A free, clean and minimalist template for building react apps that can kick-start development.

- All tools used are picked based on speed and lightness.
- Uses yarn for package management, parcel for bundling, and react bootstrap for UI.
- I created the template because I didn't like all the other popular alternatives like create-react-app etc.

Light-Chess

A fully functional and lightweight chess app written from purely in react.

- Lightweight
- No external dependencies. All functionality is written purely in React.
- Move generation and validation
- Dark theme UI

WORK EXPERIENCE

Math Tutor

2018 — 2019

Gilgal Education

Guided students in their preparation for the SAT exam. Helped identify areas/topics where they were weak in, and helped build their fundamentals

- Helped develop lecture notes which helped students immensely.
- Identified each individual's core strength and weaknesses.
- Students witnessed improvement in their grade scores.

EDUCATION

BSc, Engineering

2017 — 2023

University of Lagos

Bachelor's degree in Mechanical Engineering.

SKILLS

Programming Languages — Python, Javascript, Typescript, C, C++, C#, MATLAB, Mathematica, Nim

Frontend, Backend & Databases — Nextjs, React, Bootstrap, Redux, Apollo, HTML, CSS, Express, Node, REST, GraphQL, Flask, MongoDB, SQL

Development Environments — Vim, Visual Studio Code, NPM, Yarn, Babel, Webpack

Operating System — Linux, Ricing, Virtual Machines, Command-line tools

Others — Unit testing (jest), Version Control (git), Algorithms/Data structures, CI/CD, Networking, Art/Design, Hacking/CTFs, Creative problem solving skills

CERTIFICATES

- University of Helsinki FullstackOpen Full-stack
- University of Helsinki FullstackOpen GraphQL
- University of Helsinki FullstackOpen TypeScript
- University of Helsinki FullstackOpen Docker
- University of Helsinki FullstackOpen CI/CD
- HackerRank React Basic
- HackerRank Python Basic
- HackerRank JavaScript Basic
- HackerRank Problem Solving Basic