Vaughn Bernard

Full Stack Software Engineer

"Web developer by heart, and bird lover by nature - a full stack engineer looking to make the world better, little by little."

Atlanta, GA
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linkedIn
GitHub
Personal Website

EDUCATION

General Assembly—Software Engineering Certificate

December 2022 - March 2023

- Completed Software Engineering Immersive teaching some of the most modern and in-demand technologies. Completed 480 hours of lecture, project creation, and real world application using frameworks and technologies such as Javascript, Node.js, Python, HTML, CSS, mongoDB, mongoose, React.js, Express,js, SQL, PostgreSQL, Heroku, and Nestify.

Kennesaw State University - Kennesaw, GA

August 2022 - May 2025

- Computer Science

August 2013 - May 2018

- General Chemistry

EXPERIENCE

Water Treatment Operator — *Cobb County-Marietta Water Authority, Acworth GA*

September 2018 - December 2022

- Responsible for the treatment of potable drinking water to over 800,000 residents of Cobb County, GA in keeping with EPA and EPD federal and state standards
- Monitored plant status via data acquisition program, SCADA
- Performed Hourly lab analyses of samples and ensured compliance to state and federal regulatory standards

Lab Technician — Kemron Environmental Services, Atlanta GA

May 2018 - September 2018

- Performed Geotechnical testing according to ASTM standards

Dev Skills

Front End Development

Back End Development

Frameworks/Libraries

Express

MySQL

Node.js

React.js

Mongoose

MongoDB

Django

Node.js

Languages

JavaScript

Python

HTML

CSS

SQL

on a wide range of material types including soil, tar sludge, sediment process wases, and water

Relevant Experience

Project—AI-Tunes: A Song Lyric Trivia Game
- A fun game that prompts players to enter their favorite music artist and then guess which song the AI generated voice is singing
- Collaborated on a team to create full stack web application using popular front-end/ back-end frameworks such as React, Express, Node, and Mongoose (MERN)
- Implemented two third-party API's: One to generate song lyrics from any recording artist, and another to generate an AI text-to-speech voice

Project—Passport: Personal Travel Log App
- Collaborated on a team to create full stack web application using popular front-end/ back-end frameworks such as React, Express, Node, and Mongoose (MERN)
- Allows users to track their travels and stay up to date with their future destinations

Project—FitTrack: Personal Fitness App Tracker
- Created full stack web application using popular backend frameworks and noSQL database managers including Express, MongoDB and Mongoose
- Gives users a personal fitness tracker to log and edit their exercise routines