Itwela Ibomu

Software Engineer | Full-Stack Developer | Quantitative Data Analyst

678-278-5036 | iibomu@wgu.edu | Itwela.dev | github.com/itwela | US Citizen

Education

Bachelor of Science in Software Engineering   Anticipated: December 2025

Western Governors University | Salt Lake City, UT | GPA: 3.0

- Studies focus on Math, Programming, Data Management, Application Design and Development, Cloud Foundations
- **Relevant Coursework:** Data Structures and Algorithms, Front-End Programming, Back-End Programming, Technical Communication
- **Organizations:** National Society of Black Engineers (NSBE)

SKILLS

Languages: Java, C++ (familiar), Python (Pandas, NumPy, Scikit-learn, Selenium, Beautiful Soup), JavaScript, HTML, CSS

Frameworks: React, NextJs, NodeJS, TypeScript, Jest | **Databases:** SQL, PostgreSQL | **Tools:** AWS, Vercel, Git,

Expertise: Agile Methodologies, Git, UI/UX Design, Algorithms, RESTful API Development, Unit Testing

EXPERIENCE

AI Captioning Engineer – Dataforce | Atlanta, GA | Full-Time Contract   April 2024 – Present

Technologies – Excel

- Meet and exceed client captioning targets on a daily and weekly basis
- Document and notify development team of technical errors, bugs
- Created a spreadsheet to track personal productivity, resulting in a 150% increase in captions per day

Front-End Developer – MyAssignmentHelp | Atlanta, GA | Part-Time Contract   December 2023 – March 2024

Technologies – React, Git, Figma

- Developed and built dynamic UI to support large-scale education platform projects in Agile environments for enterprise clients using HTML, CSS, JavaScript and React
- Designed, developed, and coded web components for customer accounts, which includes debugging issues, diagnosing root causes, and identifying solutions
- Created responsive designs, built wireframes, and developed prototypes for web development projects

PROJECTS

Job Tracker & Data Analysis Tool – myjobkompass.com   January 2024 – April 2024

Technologies – NextJs, React, Node, AWS, PostgreSQL, OpenAI

- Implemented an algorithm to quantify individuals' application success by determining their interview-to-application ratio, resulting in a 300% increase in users' interview rates
- Reduced user job application times by 50% through API development interfacing with OpenAI's GPT 3.5 turbo model for personalized cover letter and resume generation based on user data and job descriptions
- Installed, maintained, and debugged third-party services to optimize software performance, resulting in improved system stability and reliability

Bitcoin Price Predictor   August 2023 – December 2023

Technologies – Python, Selenium, Beautiful Soup

- Fetched, cleaned, pre-processed, and merged 3 datasets totaling **20k** rows for subsequent model development, particularly to provide accurate and up-to-date data essential for making informed predictions on crypto
- Demonstrated innovative analysis techniques by incorporating a physics-based law into the model for insightful data interpretation, resulting in data that directly challenges the way Bitcoin is being priced

Certifications & Professional Development

J.P. Morgan Software Engineering Virtual Experience on Forage   January 2024

Coding With Callie Full-Stack Application Workshop   March 2024