TAMUNOIBIGONI INYE-TAM

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EDUCATION

Purdue University - Fort Wayne | Fort Wayne, IN
Bachelor of Science in Computer Science | Minor: Information Technology | August 2022 - December 2026
Relevant Coursework: Data Structures and Algorithms, Software Engineering, Computer Networks, Web Development

TECHNICAL SKILLS

Programming Languages: Java, TypeScript, JavaScript, Python, C, SQL
Frameworks: React, Next.js, Node.js
Cloud & Tools: AWS (EC2, S3, deployment), Git, GitHub, Netlify
Web: HTML, CSS

PROJECTS

Level-Up Meds Web Application (Next.js, SQL, AWS) ~ Capstone Project - In Progress
Collaborating in a team of 4 students and working alongside industry interns to develop a full-stack web application as part of a year-long capstone initiative.
- Integrating third-party APIs for real-time medication and health data retrieval.
- Contributed to cloud-based application architecture using AWS (EC2, S3) to support scalability and modernization.
- Optimized client-side rendering and state updates to improve responsiveness and usability.
- Delivered features from initial requirements through implementation, testing, and deployment in an Agile team environment.

Algorithm Visualizer (React.js) | GITHUB REPO
Engineered an education web application that visualizes sorting algorithms.
- Built a Single Page Application (SPA) using React with component-based architecture and state-driven UI updates.
- Implemented interactive visualizations with a focus on performance, responsiveness, and user experience.
- Added user controls for algorithm speed, array size, and reset behavior to improve interactivity and learning outcomes.
- Managed dependencies and build tools using Node.js for development and deployment.

RoleScan (Python, NLP, CLI) | GITHUB REPO
Developed a Python command-line tool that analyzes job descriptions using NLP to extract required skills, role focus, and keyword insights to help users tailor resumes effectively.
- Built a modern CLI using Typer with structured and user-friendly terminal output powered by Rich.
- Implemented natural language processing using NLTK to extract skills, filter stopwords, and identify relevant keywords.
- Designed structured data models with Pydantic for clean parsing, validation, and JSON/Markdown export.
- Automated analysis of job postings to classify role focus (Frontend, Backend, Full-Stack, Data) and surface actionable insights.

WORK EXPERIENCE

Best Buy | Lansing, IL
Geek Squad Technical Consultant | *May 2023 – Present*
- Diagnosed and resolved hardware/software issues across Windows and macOS systems for 10+ clients daily.
- Installed and configured home and small-business networks, improving performance and reliability.
- Automated routine troubleshooting steps using scripts and documented workflows.

ACTIVITIES

Robotics Club | Fort Wayne, IN
- Analyzed sensor data to improve robot navigation efficiency during competition trials.
- Documented configuration management and testing results for performance evaluation.
- Collaborated with team members to implement system improvements.