

TAMUNOIBIGONI INYE-TAM

inyetamibigoni@gmail.com | 708-539-0435 | [LinkedIn](#) | [GITHUB](#)

EDUCATION

Purdue University - Fort Wayne | Fort Wayne, IN

Bachelor of Science in Computer Science | Minor: Information Technology | August 2022 - May 2026

Relevant Coursework: Data Structures and Algorithm, Software Engineering, Computer Networks, Web Development

TECHNICAL SKILLS

Programming Languages: Java, JavaScript, C, Python, Ruby, SQL, HTML, CSS

Frameworks: React, Node.js

Development Tools: Visual Studio Code, Git, GitHub, Netlify

Databases: SQL

Operating Systems & Software: Microsoft Windows, Microsoft Office Suite

PROJECTS

Algorithm Visualizer (React/JavaScript)

Developed an interactive web application that visualizes algorithms using JavaScript and React, creating an educational tool for computer science concepts.

- **Interactive Visualization:** Implemented animations for sorting algorithms (**QuickSort, MergeSort...**) and pathfinding algorithms (**Dijkstra's, A***) with adjustable speed controls.
- **React Component Architecture:** Designed reusable components for algorithm controls, visualization canvas, and statistical displays.
- **Responsive UI Design:** Created mobile-friendly interface with intuitive controls for algorithm parameter customization and real-time performance metrics.
- **Node.js Implementation:** Utilized Node.js to manage dependencies, build tools, and provide the development environment for the React application.

Auto Loan Calculator (Java/JavaFX)

Implemented a loan calculator application in **Java** with **JavaFX** for the frontend interface, focusing on reliability and user experience.

- **Error Handling & Validation:** Developed comprehensive input validation and error handling systems to ensure application stability.
- **User Interface Design:** Created an intuitive interface following IT service management principles for maximum usability.
- **Application Testing:** Implemented systematic testing protocols to identify and resolve edge cases and potential failure points.

Amazon Clone Web Application (HTML/CSS/JavaScript) – In Progress

Building a simplified Amazon clone to practice front-end development using core web technologies.

- **Custom Product Listings:** Manually added sample products to simulate a basic shopping experience
- **Dynamic Checkout Page:** Implemented cart and checkout functionality with delivery date calculation using the **Day.js** library.
- **Unit Testing:** Using **Jasmine framework** to test checkout functionality for reliability.
- **Planned Features:** Integration of an API for real-time package tracking.

Local Business Directory Website (JavaScript, HTML, CSS)

A responsive web application to browse and discover local businesses by category.

- **Category Filtering:** Built dynamic filtering using vanilla JavaScript to switch between Tech, Food, and Clothing businesses.
- **Detailed Listings:** Created reusable business cards displaying long-form descriptions, operating hours, and customer reviews.
- **Consistent Styling:** Applied uniform CSS styling for a clean, accessible user interface across all listings.
- **Responsive Design:** Ensured smooth performance and layout adaptation on desktop and mobile devices.

ACTIVITIES

Robotics Club | Fort Wayne, IN

- Collected and analyzed sensor data to improve robotics system performance
- Documented detailed configuration management and test results
- Collaborated with team members to interpret technical data and implement improvements

WOK EXPERIENCE

Best Buy | Lansing, IL

Geek Squad Technical Consultant | May 2023 - Present

- Diagnose and troubleshoot software and hardware issues across multiple operating systems and devices
- Implement technical solutions for clients' computer systems, networks, and smart home setups
- Develop custom scripts to automate routine maintenance tasks and system optimizations