

OTAH AGHOGHO JESEMEIL

Software Engineer

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Lagos State, Nigeria.

OBJECTIVE

A highly skilled and motivated Software Engineer with expertise in both frontend and backend development, seeking to contribute effectively to dynamic projects. Committed to delivering robust, user-friendly software solutions that exceed client expectations and drive business success

EDUCATION

Bachelor of Science in Industrial Physics 2008 - 2012

University Of Benin, Benin City, Edo State.

Second Class Upper Division

Diploma in Software Engineering. 2023 - 2024
Semicolon Africa

TECHNICAL SKILLS

- Programming Language: [Java, Python, JavaScript, TypeScript]
- Web Development: [HTML, CSS, JavaScript]
- Version Control: [Git]
- Database Management: [SQL, MongoDB]
- Frameworks: [Spring Boot, Django, React, Next, Express, React Native]
- Redux ToolKit
- Test Driven Development
- Operating System: [Window, Linux, Ubuntu, Mac]

SOFT SKILLS

- Design and Critical Thinking
- Algorithm
- Communication
- Learning
- Problem Solving

PROJECTS

X-Card validator

Technology: Java and python

This project is used to verify the validity of Credit card numbers. It typically checks that the inputted card number is valid, accurate and legitimate.

E-Banking

Technology: Java and Python

The Application allows users to deposit, withdraw and transfer funds to another account.

Travel-App

Technology: React and Typescript

Built the landing page for a travel application, focusing on user experience and responsive design.

Digital Clock

Technology: React and JavaScript

Developed a digital clock using React and JavaScript, featuring real-time updates and a clean interface.

Todo List

Technology: React and JavaScript

Created a to-do list application enabling users to add and delete items, helping them manage tasks efficiently.

Bank verification App

Technology: Html, CSS and JavaScript

Designed a user-friendly web application for verifying banking information securely and efficiently, utilizing HTML, CSS, and JavaScript for a seamless interface.

EXPERIENCE

Semicolon Africa, Lagos, Nigeria

April 2023 – Till Date

1. API Development:

- **Design and Implementation:** Designed and implemented robust RESTful APIs using Node.js(Express), Java(Spring Boot) and Python(Django) ensuring secure and efficient data handling.
- **Database Integration:** Integrated APIs with MongoDB and MySQL databases, enabling seamless data storage and retrieval.
- **Testing and Documentation:** Conducted thorough testing using Postman and documented API endpoints for clear and efficient developer usage.

2. Real-Time Communication:

- **Socket.io Integration:** Utilized Socket.io to build real-time communication features for web applications, enhancing user interaction and experience.
- **Real-Time Updates:** Implemented real-time updates for notifications, messaging systems, and live data feeds, ensuring immediate and dynamic content delivery.

3. Frontend Development:

- **User-Friendly Websites:** Developed responsive and user-friendly websites using React.js and TypeScript, ensuring compatibility across various devices and browsers.
- **UI/UX Design:** Collaborated with designers to implement intuitive and aesthetically pleasing user interfaces, prioritizing ease of use and accessibility.
- **Component Libraries:** Utilized component libraries such as Chakra UI, Tailwind, Material UI and Bootstrap to streamline development and maintain design consistency.

4. Full-Stack Development:

- **Project Management:** Led and collaborated on full-stack development projects, from initial planning and design to deployment and maintenance.
- **Version Control:** Employed Git for version control, managing codebase changes effectively and facilitating team collaboration.
- **Deployment:** Deployed applications to cloud platforms like Render, Vercel and Heroku, ensuring scalability and reliability.

5. Collaboration and Agile Practices:

- **Team Collaboration:** Worked closely with cross-functional teams including designers, developers, and product managers to deliver high-quality projects.
- **Agile Methodology:** Participated in Agile practices such as daily stand-ups, sprint planning, and retrospectives, ensuring efficient project progress and delivery.

6. Problem-Solving and Debugging:

- **Troubleshooting:** Diagnosed and resolved technical issues promptly, ensuring minimal downtime and optimal application performance.
- **Performance Optimization:** Optimized code and database queries to improve application speed and responsiveness.

Supreme Education Foundation School

Sept. 2015 – Jan. 2023

- Taught Physics at the high school level and Chemistry at the junior level, integrating both British and Nigerian curricula.
- Led the successful organization of the Duke of Edinburgh International Award programme as an Award Leader.
- Prepared students for the Checkpoint, IGCSE, and WAEC examinations, achieving a 92% success rate.
- Served as a hostel master, ensuring smooth and organized boarding activities to enhance student talent and growth.

EXTRACURRICULUM ACTIVITIES

- Hackathon
- HackerRank
- LeetCode