

Adewale (Wale) Fagbodun

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Software Engineer

Adaptable software engineer specializing in Java development. Experienced in leveraging the Spring Framework, Hibernate, and Microservices Architecture to build scalable and resilient applications. Proficient in the full software development lifecycle, including design, implementation, testing, deployment, and maintenance, applying best practices to deliver high-quality software solutions.

SKILLS

Technologies: C, CSS, GIT, HTML, Java, JavaScript, Python

Frameworks: ReactJS, SASS, SpringBoot

Databases and Caching: MongoDB, PostgreSQL, SQL

Tools: Bitbucket, DataDog, Jenkins, Jira, Maven, Npm, Postman, Splunk

WORK EXPERIENCE

Beth Graphics

Lagos • 12/2020 - 07/2022

Software Developer • Full-time

- Collaborated with graphic designers and print specialists to create software solutions, resulting in a 10% increase in overall team productivity and satisfaction.
- Collaborated with cross-functional teams to troubleshoot software issues, resulting in a 20% increase in overall system reliability and performance within 1 year.
- Enhanced code quality and team collaboration by implementing Git best practices, resulting in a 30% reduction in deployment errors and improved development workflow.
- Improved database query performance by 40% through optimization techniques, resulting in faster application response times and increased user satisfaction in 5 weeks.
- Providing technical support to users, which can include training staff on new software tools or updates.

TELIMITAX SOLUTIONS LIMITED

Lagos • 11/2019 - 10/2020

Embedded Software • Full-time

- Collaborated with the software team to streamline installation processes, reducing device setup time by 25% and improving overall efficiency.
- Contributed to reducing vehicle tracking system downtime by 2 hours by identifying and resolving embedded software issues, boosting fleet productivity.
- Provided technical support for a number of tracking device features, ensuring seamless functionality and enhanced user experience.

11PLC (formerly Mobil Oil Nig. Plc)

Apapa • 06/2017 - 07/2018

Engineering Intern • Internship

- Improved the quality assurance and testing process of 10 electrical components, resulting in a 20% reduction in product defects and ensuring compliance with industry standards.
- Developed a solid understanding of instrumentation and control systems, including sensors, PLCs, and SCADA, resulting in improved troubleshooting and problem-solving skills.

- Improved project completion efficiency by 20% through collaboration with a team of 15 engineers and technicians, enhancing overall departmental productivity.

Engineering Intern • Internship

- Reduced downtime by 20% through regular maintenance on 10 electrical equipment, leading to increased productivity and cost savings.
- Collaborated with the engineering team to improve a manufacturing process, leading to a 20% increase in production efficiency.

GreenTech Industries Limited

Ado Odo • 06/2016 - 08/2016

Engineering Intern • Internship

- Contributed to the repair of electrical and electronic components, ensuring uninterrupted machinery operation and minimizing production losses.
- Learned from experienced engineers and technicians to optimize production processes, resulting in a streamlined workflow and improved product quality.

EDUCATION

M.Sc Software Development in International Systems

University of Limerick

Limerick • 09/2022 - 08/2024

Modules: Mobile application development, Software testing and inspection, Database systems, and Software engineering requirements.

B.Sc. in Electrical Electronics Engineering

Afe Babalola University

Ado-Ekiti • 09/2014 - 10/2019

AWARDS & SCHOLARSHIPS

3rd Place in BGN IE Hackathon

10/2024

Google

President's Volunteer Award(BRONZE)

10/2024

University of LIMERICK

PROJECTS

Simple Shell

11/2024 - 12/2024

Team Project

- **Frameworks & Libraries:** C Standard Library
- **Backend:** Custom UNIX Shell Development, Built-In Commands, Error Handling and Command Execution
- **Deployment & Testing:** Compilation Flags for Robustness and Git & GitHub for Version Control
- **Interactive & Non-Interactive Modes**
- **Comment Parsing:** Implemented the ability to parse and ignore comments (text following #) in commands.
- **Path Resolution:** Designed the shell to prioritize built-ins and search executable paths defined in the PATH environment variable. **GitHub Repo**

Portfolio Project

10/2024 - 10/2024

Personal Project

- **Frontend:** Plain HTML, CSS, and JavaScript
- **Deployment and Testing:** Netlify and GitHub for Version Control **Github Repo**