ONAOPEMIPO ROBERTS

SOFTWARE ENGINEERING (FULL STACK)/ SOLAR ENERGY SYSTEM DESIGNER

PORTFOLIO: *HTTPS://OPEMIPOROBERTSPORTFOLIO.NETLIFY.APP/* **GITHUB:** *ROBERTSOPEMIPO (GITHUB.COM)*

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SELF-SUMMARY

I am a goal-oriented, proactive individual with experience in software application projects, program development, solar system design code writing, and testing, proficient in HTML, CSS, JavaScript, React, MySQL, Laravel, etc. With a keen eye for design and functionality, I specialize in crafting high-quality, contemporary websites and web applications. My broad skill set enables me to seamlessly integrate frontend and backend technologies, delivering engaging and efficient solutions. I design and implement efficient solar power systems, ensuring the meet energy needs and regulatory standards. I am committed to continuous learning, staying updated with the latest industry trends, and bringing creativity to every project I undertake. Passionate about creating dynamic digital experiences, I excel in optimizing performance and user satisfaction across various platforms.

TRAININGS & CERTIFICATIONS

COURSERA

- Introduction to R programming for Data Science
- Python For Data Science, AI & Development
- Google Data Analytics Capstone: Complete a Case Study
- Foundation: Data, Data, Everywhere
- Sensors and Sensor Circuit Design
- Motors and Motor Control Circuits
- Building Arduino Robots and Devices

NEW HORIZONS

- Diploma in Graphics and Multimedia
- Java Programming
- Python Programming
- Cisco Certified Network Associate

MOAT ACADEMY

- Web Application Training

COREN CERTIFICATION- In Progress

PROGRAMMING LANGUAGES

HTML, JavaScript, Java, CSS, Tailwind CSS, XML, Ajax, Bootstrap, React js, Python, Django, Vanilla PHP, Laravel, jQuery.

PLATFORMS

NetBeans, Visual Studio Code, Postman, Anaconda, Jupiter, PyCharm, Figma, Canva, Visual Studio, Git Bash, Microsoft Office (Word, PowerPoint, Excel, etc.).

DATABASES

MySQL, Postgres DB.

DEVOPS

GitHub

API

Rest APIs

METHODOLOGIES

Trello, Kanban.

PROFESSIONAL EXPERIENCE

SYRECOM LIMITED, NIGERIA   *Mar. 2023 – Mar. 2024*

Junior Software Engineer

- Collaborating with cross-functional teams to gather and analyze system requirements for customizations and new applications.
- Developing, testing, and deploying high-quality software solutions that align with business needs, utilizing a variety of technologies including React JS, MySQL, HTML, Java, etc.
- Designing and implementing system integrations for applications, ensuring seamless data flow and functionality across platforms.
- Creating and maintaining documentation for developed solutions, including technical specifications, design documents, and user guides.

- Troubleshooting and resolving issues related to software functionality, performance, and integration, providing timely support to address operational concerns.
- Collaborating with QA teams to conduct thorough testing of software components, ensuring high standards of quality and reliability.
- Staying updated with industry trends and best practices in banking technology, and software development to propose innovative solutions for continuous improvement.
- Using PHP Laravel building, testing, and managing applications and services through a Microsoft-managed data center.
- Structuring several internal systems comprising production workflow tracking, as well as designing custom REST APIs built in Python, and Django.

FREELANCE   *Feb. 2021 – Till Date*

Junior Software Engineer
- Built a Responsive Freelance website, where creatives can display their works and reach out to other creatives to connect and collaborate.
- Designed a responsive website for a fruit company, FruitNaturel, which since launch has resulted in an increase in awareness of the organization and the products it sells.
- Designed an E-library website (www.cislib.com).
- Wrote clean, efficient, and well-documented codes that met industry standards.
- Collaborated with cross-functional teams, including designers, developers, and QA engineers, to deliver high-quality software products within project timelines.

GINGER STUDIOS, NIGERIA   *Oct. 2020 – Jan. 2021*

Junior Software Engineer
- Developed, recorded, and maintained cutting-edge web-based PHP applications on portal plus premium service platforms.
- Built innovative, state-of-the-art applications and collaborated with the User Interface and experience (UI/UX) team.
- Wrote clean, efficient, and well-documented codes that met industry standards.
- Conducted thorough testing and debugging of applications to ensure software quality and performance.
- Participated in code reviews to provide constructive feedback and ensured adherence to coding best practices.
- Troubleshot and resolved software defects and issues reported by users or discovered during testing.
- Collaborated with cross-functional teams, including designers, developers, and QA engineers, to deliver high-quality software products within project timelines.
- Coordinated with co-developers and kept project manager well informed of the status of development effort and served as liaison between development staff and project manager.
- Contributed to the continuous improvement of development processes and workflows.
- Collaborated with Ginger Studios in the creation of their social media manager website which brought about an increase in clients by 5%.

DAYSTAR POWER COMPANY, NIGERIA   *Mar. 2020 – Sept. 2020*

Student Internship
- Analyzed data related to solar panel performance, energy production, and efficiency to identify areas for improvement.
- Worked with engineers and designers to assist in the creation of layouts and optimization of the placement of solar panels using software tools.
- Gathered data from solar panel installations, including energy production, temperature, and weather conditions.
- Maintained records and documentation related to solar projects including project plans, equipment specifications, permits, and regulatory compliance documents.
- Participated in the installation and maintenance of solar panel systems under the supervision of experienced technicians.
- Adhered to safety protocols and guidelines when working on or near solar panel systems.
- Assisted in addressing customer inquiries and concerns related to solar panels.
- Helped with testing and troubleshooting solar panel systems to identify and resolve issues.

AXXELA GROUP, NIGERIA   *Jul. 2019 – Sept. 2019*

Student Internship

- Analyzed data related to pipeline performance and integrity using software tools to process and interpret data from sensors, inspections, and maintenance reports.
- Conducted research on industry best practices, safety standards, and regulatory requirements related to gas pipelines.
- Supported maintenance crews in the field by helping to plan and schedule maintenance activities which included tracking equipment maintenance schedules, ordering parts, and coordinating logistics.
- Prepared reports and presentations summarizing project progress, findings from inspections, and other relevant information.
- Promoted and adhered to HSE standards and guidelines i.e., participated in safety training programs and promoted a culture of safety in the workplace.

LOGIC SCIENCES LIMITED, NIGERIA   *May. 2018 – Aug. 2018*

Student Internship

- Supported the installation and maintenance of electronic security systems, including CCTV cameras, access control systems, alarms, and other related technologies.
- Assisted in troubleshooting and resolving technical issues with security systems.
- Created detailed documentation of system installations, configurations, and maintenance procedures.
- Generated reports on system performance, issues, and solutions provided to clients.
- Learned about cybersecurity principles and best practices related to IT infrastructure and electronic security systems.
- Assisted in evaluating and improving cybersecurity measures to protect sensitive data.

AXXELA GROUP, NIGERIA   *Jun. 2015 – Jul. 2015*

Student Internship

- Worked with the team that analyses possible risks/hazards that may occur in the future and proffer ways to avoid them.
- Assisted in developing risk assessment reports and recommendations for risk mitigation strategies.
- Participated in inspections and audits to verify that processes and products met quality requirements.
- Collaborated with the team that performs quality checks on products before they are supplied to customers. This ensured that the integrity of the company was maintained.
- Participated in training programs and workshops to enhance knowledge and skills related to pipeline operations, risk assessment, and quality control.

SKILLS & ATTRIBUTES

- Creative Ability to communicate complex ideas effectively both verbally and in writing.
- Fluent in scripting (Python and JavaScript) and object-oriented programming languages (Java and Python).
- Good use of Microsoft productivity tools (Word, Excel, Access, Projects, and PowerPoint).
- Strong appreciation for development and willingness to upskill professionally.
- Effective interpersonal skills and ability to maintain a positive working relationship with others.
- Attention to detail and willingness to work and improve on feedback.
- Ability to perform well under pressure/ tight deadlines, prioritize tasks accordingly, and work under minimal supervision.

ACADEMIC BACKGROUND

COVENANT UNIVERSITY, NIGERIA   *2021*

Bachelor of Science: Industrial Physics – Renewable Energy

REFERENCE

Available on Request