

OSCAR OGULEDO

Software Engineer

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[GitHub](#) | [Portfolio](#) | [LinkedIn](#)

EDUCATION

Madonna University Nigeria

Computer Engineering Bachelor of Engineering

CGPA: 4.83

Port harcourt, Rivers State, Nigeria

September/2017 - December/2022

Heriot Watt University

Software Engineering

Edinburgh, Scotland

September/2023 - November/2024

EXPERIENCE

Dowell Research Institute | Software Engineer

Remote | April/2023 - Current

- Write and maintain clean, efficient code for server-side logic and backend services.
- Design and implement system architecture for scalable applications.
- Manage and optimize databases, ensuring efficient data storage and retrieval.
- Develop and integrate RESTful APIs for communication between different systems.
- Test and debug backend components to identify and fix issues.
- Deploy applications to production environments and manage continuous integration pipelines.
- Optimize application performance by improving code efficiency and reducing bottlenecks.
- Implement security measures to protect data and secure backend services.
- Automate repetitive tasks and processes to streamline development workflows.
- Write technical documentation, including API references and system overviews.
- Use version control systems, like Git, to manage codebase and collaborate with team members.
- Monitor application performance, server logs, and troubleshoot production issues.
- Perform regular maintenance and apply updates or patches to systems.
- Research and implement new technologies and practices to improve backend development.

Freelance | Full Stack Software Engineer

Remote | November/2021 - Current

- Automate the deployment and monitoring of applications using CI/CD pipelines to ensure smooth and frequent software releases.
- Manage cloud infrastructure and provisioning, ensuring scalability, reliability, and cost-efficiency of services.
- Monitor system performance and troubleshoot production issues to maintain high availability and optimize resource usage.
- Collaborate with development and operations teams to streamline the software development lifecycle and improve operational processes.
- Implement and manage containerization and orchestration tools, such as Docker and Kubernetes, for scalable application environments.
- Ensure system security by managing access controls, applying patches, and performing regular audits and vulnerability assessments.

Nigerian National Petroleum Corporation Ltd | Computer Engineer(Internship) Benin, EdoState.

Nigeria | February/2021 - October/2021

- Design and develop web applications, ensuring efficient backend functionality and database management.
- Troubleshoot and resolve hardware and software issues across multiple systems, ensuring minimal downtime.
- Configure and maintain network infrastructure, including routers, switches, and firewalls, to ensure seamless communication.
- Collaborate on the development and integration of both hardware and software systems to meet project requirements.
- Perform routine maintenance and optimization of computer systems to enhance performance and security.
- Provide technical support and diagnose issues related to hardware, software, and networking for internal teams.

Freelancing | Python Software Engineer

Remote | July 2019 - January 2021

- Automate the deployment and monitoring of applications using CI/CD pipelines to ensure smooth and frequent software releases.
- Manage cloud infrastructure and provisioning, ensuring scalability, reliability, and cost-efficiency of services.
- Monitor system performance and troubleshoot production issues to maintain high availability and optimize resource usage.
- Collaborate with development and operations teams to streamline the software development lifecycle and improve operational processes.
- Implement and manage containerization and orchestration tools, such as Docker and Kubernetes, for scalable application environments.
- Ensure system security by managing access controls, applying patches, and performing regular audits and vulnerability assessments.

SKILLS

Programming Languages:	Python, Javascript, C, Html, CSS, C#, Bash
Libraries/Frameworks:	React, Node.js, Django, DRF, Express.js, Numpy, Pandas, PyTest, FastAPI, Json
Tools / Platforms:	Git, GitHub, GitLab, Vs Code, GitPod, Docker, JetBrains IntelliJ IDEA, PyCharm, GitLab CI, PostMan, Swagger, Redis, AWS, PythonAnywhere, Render, Heroku, DigitalOcean, Discord, Slack, PyTest, Linux, Apache Kafka, Object-Oriented Design (OOD), Agile Delivery Methodologies, CI/CD (Continuous Integration / Continuous Deployment), API Development, Software Design Patterns, MVC (Model-View-Controller), Front-End Web Development
Databases:	MongoDB, MYSQL, PostGreSQL, SQLITE

PROJECTS / OPEN-SOURCE

My portfolio | [Link](#)

CERTIFICATIONS

- Bachelor in Engineering. Computer Engineering - **Madonna University Nigeria**
- Google Colab Python - **Great Learning**
- VUCA Leadership - **Great Learning**