

# MAURICE OSEKHUEMEN IRENE

## Software Engineer

I am a results-driven and highly skilled Software Developer driven by a passion for pushing technology boundaries. with a proven track record of crafting high-performance, scalable, and user-friendly applications. I have years of experience building and collaborating with teams from diverse backgrounds in developing software applications from conception to production. I love learning and adapting quickly to new technologies.

## EXPERIENCE

### CodeAlpha, (Remote)—Java Software Engineer

January 2024 - Date


- Improved backend functionality and scalability of Java-based services, reducing system downtime by 25% and response times by 30%.
- Achieved 100% efficiency in API implementation through key contributions to Spring frameworks and Microservices development.
- Led teams in designing robust solutions, streamlining processes, and establishing project execution policies, boosting overall effectiveness.
- Enhanced code quality and system reliability, reducing bug resolution time by 25% and post-release defect rates by 30%.
- Transitioned to a remote work setup, cutting project turnaround time by 15% and delivering projects 10% ahead of schedule, increasing customer satisfaction by 15-20%.

### Decagon, Lagos — Software Developer

May 2023 - January 2024

- Designed, developed, and maintained scalable, efficient, and secure Java applications, including RESTful APIs, to meet client requirements.
- Utilized Java, Spring Boot, and relevant backend technologies; employed frontend technologies such as HTML, CSS, and JavaScript, along with frameworks like React and Redux, to create dynamic and user-friendly interfaces.
- Managed database systems with SQL, GraphQL, MongoDB, MySQL, and PostgreSQL for seamless data storage and retrieval, and employed Kubernetes for deployment, ensuring efficient software delivery.

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## TECHNOLOGIES

### Backend

- Java
- Spring Framework
- Spring Boot
- Spring Security, OAuth2
- Spring cloud
- Hibernate
- Microservice
- Database Design, SQL (Postgresql, MySQL) NoSQL (MongoDB, Redis)
- REST APIs
- GraphQL
- Docker
- flyway
- Gateway
- Kubernetes
- Continous Integration /Continous deployment (CI/CD)
- Sequelize
- Firebase
- Feign Client
- Ngrok
- Jira
- CI / Jerkins
- Design Patterns (Observer Pattern, Singleton, Abstract Factory, Factory

- Collaborated with cross-functional teams, contributing to the integration of APIs into client projects and ensuring a cohesive development process.
- Conducted thorough testing and validation of both backend and frontend components, ensuring high performance and reliability across the entire application, and actively participated in agile development methodologies, attending daily stand-ups, sprint planning, and retrospectives.

## International Institution of Tropical Agriculture (IITA) Abuja, Nigeria— *Data Analyst*

January 2021 - November 2023

- Managed diverse nutritional data collection from surveys, consumption records, databases, and studies, implementing efficient methods and tools, resulting in a 20% improvement in data collection accuracy and a 30% reduction in data processing time. Ensured data security and privacy adherence for sensitive information, achieving 100% compliance with industry regulations and protocols.
- Produced monthly reports using advanced Excel functions, leading to a 25% reduction in report generation time and a 15% increase in data visualization accuracy. Developed policies meeting regulatory compliance while reflecting actual goals, tasks, and workflows, resulting in a 20% improvement in regulatory audit outcomes and a 10% decrease in compliance-related incidents.
- Organized and managed nutrition-related datasets, validating statistical data integrity, which enhanced data reliability by 30% and facilitated more accurate decision-making processes.
- Implemented data validation protocols resulting in a 25% decrease in data entry errors and a 20% improvement in overall data consistency.

## EDUCATION

Kano State University of Science and Technology, Wudil— B.Tech

Bachelor of Technology in Food Science and Technology

October 2014 - June 2019

## PROJECTS

Please visit my portfolio to see detailed descriptions and demos of the projects I have worked on:

<https://maurice-tech.github.io/Maurice-Web/>

Pattern, Builder Pattern, Strategy Pattern, Decorator Pattern)

- AWS (ECS, RDS Aurora, Lambda, Cognito)
- Version Control with Git and Github
- Test-Driven Development.
- Unit Test, Integration Test, Junit
- Node.js

## FRONTEND

- HTML
- CSS
- JavaScript
- Typescript
- React.js

## SOFT SKILLS

- Agile methodologies
- Attention to details
- Fast learner
- Problem-solving
- Adaptability
- Creativity
- Excellent communication
- Scrum master
- Excellent collaborator
- Critical thinking
- Time management
- Project management
- Initiative

## CERTIFICATION

- Scrum Fundamental Certificate- 992723
- Certified Agile Leader (CAL)
- NYSC Certificate- A004286485

