

# Ebuka Odini

ebukaodini@gmail.com / +2349093590559 / Lagos, Lagos

## Summary

Ebuka Odini is a Senior Software and R&D engineer at Seamless HR. Before joining Seamless HR, he worked as a senior software engineer at Safeli Technologies and as a full-stack Javascript engineer at Tensei. Ebuka lives in Lagos and holds a Computer Science Bachelor's Degree from the University of Benin.

+7 years of professional experience developing scalable, secured, and reliable web and mobile applications with NodeJS, React, TypeScript, Javascript, PHP, and Flutter.

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## Experience

### Senior Backend / R&D Engineer

SeamlessHR • Lagos, Lagos

02/2023 - Present

- Developed lambda functions within several microservices.
- Implemented a centralized Kafka service for the whole product team.
- Designed and developed fault-tolerant systems that are scalable and highly available.
- Built and published packages used by services within the team and across other teams of about 40+ engineers.
- Optimized microservices for maximum speed and scalability.
- Implemented security best practices in developing backend features.
- Occasionally pair programmed and peer-reviewed with other team members.
- Heads the research and development within the team.
- Performed automated testing for software releases, ensuring the integrity of software and solutions before release, fixing bugs, and increasing customer satisfaction.
- Collaborated with other team members and stakeholders.
- Designed and developed a central approval workflow service to manage all workflows across all products within the company.
- Designed and developed a central identity management service to manage all identity-related operations from account creation to authentication across all products within the company.
- Designed and developed the integrations and app registry portal that allows third-party applications to be registered and integrated with Seamless HR products.

### Front End Engineer (Contract)

Lautech International College, Ogbomoso • Ogbomoso, Ogun

12/2022 - 04/2023

- Developed new user-facing features for the school's admission portal.
- Ensured the technical feasibility of UI/UX designs.
- Optimized application for maximum speed and scalability.
- Implemented the API provided by the backend engineer into the frontend application.
- Collaborated with a team of 3 developers for 5 months on the development of the application.
- About 5,000 new students were able to complete their application to the school.

Product

- [Lautech Admission Portal](#)

### Front End Engineer

Pade HCM • Lagos, Lagos

01/2023 - 03/2023

- Developed new user-facing features for the HR product.
- Ensured the technical feasibility of UI/UX designs

- Optimized application for maximum speed and scalability.
- Implemented the API provided by the backend engineer into the frontend application.
- Collaborated with a team of 10 for 3 months on the development of the product.
- The product is used by over 100 companies with 13k+ Employees across Africa.
- The product helps process over \$20m payrolls.
- With the new product update, the Company was able to raise their pre-seed funding.

#### Product

- [Pade HCM 3.0](#)

## Software / DevOps Engineer

Safeli Technologies • Lagos, Lagos

03/2022 - 11/2022

- Designed and implemented an API for interacting with the web application.
- Researched and designed a new Web application, resulting in a 90% increase in end-user productivity.
- Performed automated testing for software releases, ensuring the integrity of software and solutions before release, fixing bugs, and increasing customer satisfaction.
- Integrated payment with cryptocurrency into the application.
- Collaborated with a team of 3 developers for 4 months on the design and development of the application.
- Researched and implemented correct coding practices for SEO, resulting in an average of 100% higher search engine rankings than previously.
- Deployed and managed the applications.

#### Products

- [Safeli Web3 Escrow Service](#)
- [Safeli Escrow Service](#)

## Software Engineer

Spicy Guitar Academy • Lagos, Lagos

02/2019 - 04/2022

### Spicy Guitar Academy Web Application

<https://app.spicyguitaracademy.com>

- Developed this application with React, Redux, Zustand, JavaScript, HTML5, CSS3, Git, Github, Paystack.
- Managed State on the frontend with Redux and Zustand
- Integrated Paystack API to handle payments.
- Used Git for version control and used Github to deploy the application to Netlify.

### Spicy Guitar Academy CMS

<https://spicyguitaracademy.com/admin>

- Developed the content management system for managing the eLearning application.
- Developed the front-end application with HTML, JavaScript, CSS and Bootstrap.
- Integrated the back-end REST/RESTful APIs into the application. Developed the backed API with PHP and used MySQL store data. Used tech like Express.js, Flutter, Node.js, and PostgreSQL.
- Tested the backend API with PHPUnit and used JWT for authentication. Used Git to manage version control and deployed the app to CPanel with Github.
- It improved the management of the e-learning application by 100%

### Spicy Guitar Academy Mobile Application

<https://play.google.com/store/apps/details?id=com.spicyguitaracademy>

- Developed the mobile application with Dart and Flutter, and used SQLite to manage local data on the app.
- Integrated the REST/RESTful APIs into the application. Also integrated Paystack API for payments on the application.

- Developed the backend APIs with PHP and used MySQL for data storage. Tested the backend with PHPUnit and used JWT for user authentication. Deployed the application to Google Playstore.
- Used Git for version control.
- The business was able to launch the application and has gotten over 700 customers.

## Fullstack Javascript Engineer

Tensei • Lagos, Lagos

10/2021 - 03/2022

### Responsibilities:

- Developed new user-facing features.
- Developed backend feature architectures.
- Built reusable code and libraries for future use.
- Ensured the technical feasibility of UI/UX designs.
- Optimized application for maximum speed and scalability.
- Implemented security best practices in developing backend and frontend features.
- Occasionally pair programmed with other team members.
- Collaborated with other team members and stakeholders.
- Improved components of the Framework by 93 on a rating scale of 100 points, resulting in a 40% increase in end-user productivity.
- Developed new components of the Framework that improved the effectiveness of the application, resulting in a 23% increase in end-user productivity.

## Software Engineer

Sports Fans Club • Lagos, Lagos

10/2020 - 03/2021

### Sports Fans Club Customer App

<https://sportsfansng.com/>

I worked on a multilevel networking application that relates to sports fan base.

- The technologies used for this project are PHP, MySQL, React, Redux, Zustand, JavaScript, HTML5, CSS3, Git, Github, CPanel, Facebook API, Twitter API, WhatsApp API, PHPUnit, JWT, Paystack.
- I worked on this project with a Professional Ui/Ux Engineer. I implemented the user interface designs and suggested improvements.
- Developed the backend API with PHP, used JWT for authentication, used MySQL for data storage, and tested with PHPUnit.
- Developed the frontend with React, HTML5, JavaScript, CSS3 and Bootstrap.
- Managed State on the frontend with Redux and Zustand
- Integrated Facebook API, Twitter API and WhatsApp API for sharing contents from the application and Paystack API to handle payments.
- Used Git for version control and used Github to deploy the application to CPanel.
- This completion of this application helped to launch the business.

## Software Engineer

Mira Technologies Ltd. • Lagos, Lagos

04/2018 - 03/2021

### Sysbanker EE

<https://miratechnologiesng.com/products/sysbankeree/>

This is a microfinance banking software.

- Developed the REST/RESTful APIs with PHP, and used MySQL for data storage.
- Used CRON to schedule operations in the application and tested the backend APIs with PHPUnit.
- Developed frontend pages with HTML, CSS, Javascript and Bootstrap. Integrated third party payment service (Interswitch) into the application.
- Used Git for version control and used Github to deploy the application to CPanel. Also updated the application with user customizations and maintained the application.

### **Mira Bulk Mail**

<https://mira.mtech.ng/>

This is a Bulk Mailing and Bulk SMS software like MailChimp.

- Developed the REST/RESTful APIs with PHP and managed data storage with MySQL.
- Developed the frontend of the application with HTML, CSS, Bootstrap and Javascript.
- Tested the APIs with PHPUnit. Used Git to handle version control and deployed the application to CPanel with Github.
- Used third party libraries like CKEditor and JQuery to handle mail designing on the editor.

### **HaboPay**

<https://www.habopay.com/>

Built a module in a payment platform.

- Developed the REST/RESTful APIs with PHP and used MySQL for data storage.
- Tested the backend APIs with PHPUnit and used Git for version control.
- Integrated third party REST/RESTful APIs into the application.

### **Victory Gold Networks**

<https://victorygold.net>

This is an investment website.

- Assigned this project to work on alone.
- Developed the frontend of the application with HTML, CSS, Javascript and Bootstrap.
- Developed the REST/RESTful APIs with PHP and used MySQL to manage data storage—Integrated Google reCAPTCHA to improve the security of the website.
- Deployed and managed the application to cPanel.

## **Software Developer**

Freelancer • Benin, Edo State

05/2017 - 08/2019

- Fully Fuzzy Linear Programming Problem Software
  - Developed the desktop application.
- Myscriptz
  - Developed the frontend application.
  - Developed the backend APIs to integrate with the frontend application.
  - Deployed the application.
- Automated Loan Management System
  - Developed the desktop application.

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## **Skills**

Javascript, Typescript, Dart, PHP, React, Flutter, Node.js, Next.js, KoaJS, NestJS, Redux, ExpressJS, HTML, CSS, SCSS (Sassy Cascading Style Sheets), Bootstrap, JQuery, Mysql, PostgreSQL, MongoDB, RxDB, REST, GraphQL, Git Actions, Git, Docker, Serverless, Google Cloud Platform, AWS CloudFormation, Kafka, AWS, System Design, Lambda Functions, Jest, Mocha, Chai, TypeORM, Prisma

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## **Education**

### **Computer Science**

University of Benin • Benin, Edo State

12/2019

Graduated with Second Class (Upper) honor.

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## Publications

### 1. An Approach Towards the Development of Init Framework

Journal of Electrical Engineering, Electronics, Control and Computer Science. *Published 2022*

[View Publication](#)

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## Certifications & Awards

Winner, University of Benin App Contest 2019, Cybrary Secure Coding Certificate

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## Languages

English, Yoruba, Igbo, French

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## Links

- [LinkedIn](#)
- [Github](#)
- [Twitter](#)
- [Portfolio](#)
- [Dev Blog](#)