



# Solomon Akpuru

## Software Engineer

Innovative and results-driven Software Engineer with a strong track record of designing, developing, and optimizing scalable web applications that drive business growth and enhance user experience. Adept at leading teams, architecting robust systems, and ensuring high-performance applications. Proficient in React, Vue, Node.js, Elixir Phoenix, Ruby on Rails, and Laravel, with expertise in cloud infrastructure, CI/CD pipelines, and database optimization.

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## WORK EXPERIENCE

### Software Engineer Freelancer

01/2022 - Present

#### Achievements/Tasks

- Built a full-stack property rental web application, optimizing for responsiveness, scalability, and maintainability.
- Engineered seamless fiat and cryptocurrency transactions for a digital exchange using NowPayments and Flutterwave.
- Built a recommendation algorithm for meal and restaurant suggestions, leveraging behavioral analytics and user engagement patterns.

### Web Developer Digital Factory

05/2024 - 01/2025

Remote, USA

#### Achievements/Tasks

- Spearheaded UI enhancements and feature development, boosting user engagement and satisfaction.
- Optimized asset delivery, animations, and JavaScript performance, reducing loading times by 24% and improving PageScans ratings by 20%.
- Diagnosed and resolved site performance bottlenecks, improving system efficiency and responsiveness.

### Software Developer Savasana AI

01/2023 - Present

Remote, Nigeria

#### Achievements/Tasks

- Designed and deployed a Chrome extension using Plasmio, enhancing chat support functionality.
- Developed a serverless backend using AWS Lambda, significantly improving scalability and response times.
- Conducted code reviews and provided technical presentations.

## EDUCATION

### Software Development Microverse

07/2022 - 07/2023

USA

#### Courses

- |              |                 |
|--------------|-----------------|
| – JavaScript | – React         |
| – Redux      | – Ruby on Rails |

### Petroleum and Gas Engineering University of Port Harcourt

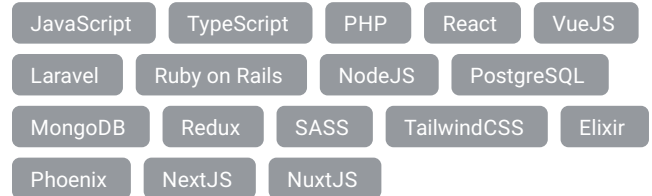
08/2016 - 02/2023

Nigeria

#### Courses

- |                                          |                        |
|------------------------------------------|------------------------|
| – Energy Conservation                    | – OffShore Engineering |
| – Natural Gas Utilization and Processing | – Catalysis            |

## SKILLS



## PROJECTS

### Crypto Exchange Platform (02/2024 - 10/2024)

- Integrated NowPayments to facilitate secure, multi-currency transactions, streamlining fiat-to-crypto and crypto-to-crypto payments.
- Implemented robust authentication, transaction logging, and fraud detection mechanisms to ensure platform security and compliance.

### Toucan Social Media App (12/2023 - 12/2023)

- I designed and implemented the system architecture, selecting optimal technologies to enhance performance and scalability.
- I developed authentication using JWT and policy-based authorization, along with private channels for secure one-on-one communication.
- I built a robust post management system, enabling creation, interaction, and engagement through likes, comments, and replies.

### Bite Express - Food Ordering App

- I designed and implemented the system architecture, selecting optimal technologies to ensure scalability, efficiency, and seamless interactions between restaurants and users.
- I developed authentication using JWT with role-based access control, along with features for meal management, user reviews, and secure transactions.
- I integrated interactive elements like likes and comments to enhance user engagement while optimizing performance, security, and usability.

## CERTIFICATES

### Full Stack Software Development (07/2023 - Present)

Issued by Microverse

### Ruby on Rails (06/2023 - Present)

Issued by Microverse

### React/Redux (12/2022 - Present)

Issued by Microverse

### JavaScript (10/2022 - Present)

Issued by Microverse

## OPEN SOURCE CONTRIBUTIONS

### Open Stack Manila Project

Developed a patch to prevent active replica state resets, mitigating potential data loss.

### OpenStack Manila Project

Updated Documentation to feature new Openstack CLI instead of the deprecated Manila CLI

### Wikimedia Edu Dashboard

Enhanced SEO by implementing dynamic page titles for improved navigation and search visibility.

### Wikimedia Edu Dashboard

Added tests to JavaScript actions to verify correct functionality.