

Lagos, Nigeria

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## JOY FAJENDAGBA

## SOFTWARE DEVELOPER

### PROFILE

Joy is a software developer specializing in creating secure and maintainable web applications. He excels in developing robust APIs, optimizing legacy code, and building efficient systems. Joy has a strong background in DevOps, CI/CD practices, and web performance optimization, achieving top scores in SEO and performance metrics. He is also actively exploring Deep Learning, leveraging neural networks to capture complex user-item interactions for recommendation systems.

### SKILLS

- Developed payment systems, LMS, social media platforms, HR solutions, blogs, and admin panels.
- Proficient in PHP and Laravel, Laravel Forge, MySQL, Linux, NGINX, JavaScript ES6, Ajax, jQuery, Vue.js, Docker, and Kubernetes.
- Expertise in maintaining and enhancing legacy systems in JavaScript, PHP, Vue.js, and Laravel.
- Expert in writing secure APIs and maintainable code, adhering to Agile and Scrum frameworks.
- Experienced in DevOps practices, using platforms like Digital Ocean, Laravel Forge, Hostinger, TrueHost, and GoDaddy. Skilled in utilizing Remote SSH with VS Code for development and deployment tasks.
- Streamlined software development lifecycle with CI/CD practices.
- Familiar with modern software development workflows (GitHub, Bitbucket, GitBash, Linux, NGINX, Git, RESTful API Development).
- Expert in monitoring and optimizing website performance and analytics using tools like Lighthouse, PageSpeed Insights, SeoSiteCheckup, Semrush, Similarweb, Ahrefs, Google Console, Google Analytics, and Web Vitals.
- Achieved 100% in SEO, best practices, accessibility, core web vitals, and performance metrics. —far surpassing the typical 30-60% achieved by most developers and SEO experts.
- Self-motivated and capable of working independently or as part of a team.
- Experienced in remote work environments.

### NOTABLE WORK EXPERIENCE

#### ARCHWARE TECHNOLOGIES LTD. (JULY 2022 – JANUARY 2024)

##### Senior Software Developer

- Built a job portal with an Applicant Tracking System (ATS), enabling the hiring of over 140 qualified candidates for the UAE without stressing the HR team.
- Led the development of ATI, a learning system similar to Udemy.

- Developed Foremost Eye Clinic, an e-commerce platform like Jumia, expanding the company's market reach.
- Engineered a property management system, eliminating the need for middlemen and streamlining property transactions in Lagos.
- Developed a custom payment system, increasing transaction processing speed by 100%.
- Expanded capabilities beyond back-end development, contributing to front-end and DevOps tasks.
- Engineered core back-end functions, enhancing website performance and scalability.
- Implemented CI/CD practices, reducing deployment times by 43%.

### **MIRRORLOG.COM (JANUARY 2021 – DECEMBER 2023)**

#### **Software Developer (Hobby Project)**

- Launched a social media platform engaging over 3,200 users globally.
- Created an interactive competition system with monetary rewards, boosting user engagement by 800% according to google analytics.
- Integrated a wallet system with Paystack for collecting Naira payments, streamlining user transactions.
- Built a real-time commenting engine, increasing user interaction by 290%.
- Developed APIs and scripts for user metrics, enhancing conversion and engagement tracking.
- Implemented a recommendation algorithm, improving user retention by 65%.
- Added notification features, enhancing user communication.
- Applied CI/CD practices, streamlining development and deployment processes.

### **SNAPNET LIMITED (MARCH 2022 – JUNE 2022)**

#### **Senior Software Developer**

- Developed a time attendance data filter, facilitating data-driven decision-making.
- Managed complex systems involving payroll and HR solutions with zero errors.
- Efficiently coordinated client projects across multiple servers, ensuring seamless operations.
- Maintained and enhanced a legacy codebase, adding new client-requested features.

### **TECHDROID SYSTEMS (NOVEMBER 2021 – FEBRUARY 2022)**

#### **Senior Software Developer**

- Led development for CraneSoft ERP v1, improving employee data management.
- Enhanced the functionality of the CraneHR Time Attendance app with ZKTeco, achieving more accurate attendance tracking.

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## **EDUCATION**

**FEDERAL COLLEGE OF ANIMAL HEALTH AND PRODUCTION TECHNOLOGY (FCAH&PT) MOOR PLANTATION, IBADAN. (DECEMBER 2015 – NOVEMBER 2017)**  
**NATIONAL DIPLOMA IN COMPUTER SCIENCE (OND)**  
 GPA: Upper Credit (3.21/4.00)