JONATHAN FELICITY

Jos, Plateau State, Nigeria (Open to Remote) | (+234) 913-0773-041 | jonathanfelicity@mail.com
linkedin.com/in/jonathanfelicity | github.com/jonathanfelicity

TECHNICAL SKILLS

Programming | C, C++, x86 Assembly, Python, Go, PHP, TypeScript, JavaScript
Database | PostgreSQL, MongoDB, MySQL
Other Technology | React, React-Native, NodeJS , CSS, HTML, Express, Flask
Testing/Deployment | Postman, Mocha, Selenium, AWS:EC2, AWS:ECS, Terraform
Developer Tools | Docker, Git, Agile Methodology, TDD, Kubernetes

EXPERIENCE

Software Engineer | Plateau State Information Technology Development Agency (PICTDA)   Nov 2021 - Present

Backend redesign for reviews module of legacy e-commerce microservice   PHP | TypeScript | Angular | PostgreSQL | EC2

- Created comprehensive and easy-to-follow software documentation that improved the ease of adding new features and fixing bugs by 26%, resulting in a more efficient development process.
- Participated in Agile software development processes, including sprint planning, daily stand-ups, and retrospectives.
- Conducted code reviews and wrote unit tests to ensure code quality and consistency.

Software Engineering Intern | Code Plateau   2020 - 2021

Completed a thrilling three(3)-month software engineering internship   JavaScript | Python | MySQL | PHP | Laravel | Docker

- Teach beginner and intermediate-level courses in Python and JavaScript to groups of up to 130 students.
- Develop course materials, including lesson plans, assignments, and exams.
- Assist students with coding challenges and provide feedback on their work.
- Received positive feedback from 90% of students in end-of-course evaluations.
- Coordinated with other instructors to ensure consistency in course materials and teaching methods.

Remote Software Engineering Intern | Gnorizon Consults   2020-2021

Specialize in providing technological solutions, that span software development and Internet JavaScript | React | Express | PHP |
services provision.   Python

- Designed and implemented Restful API's and produced software flow diagrams for complex systems, resulting in a 15% increase in software delivery time
- Mentored and trained team members in coding best practices, with a focus on JavaScript development
- Designed and normalized databases to ensure minimal redundancy and efficient data storage, resulting in improved data integrity and reduced storage costs

PERSONAL PROJECTS

Build a Python WebFramework | Taminus

A Flexible and Scalable Web Framework with ASGI and WSGI Support   Python | Git | Github Actions

- Designed and developed a web framework that supports both ASGI and WSGI protocols, providing versatility for different use cases.
- Adopted a modular architecture and leveraged Git for version control, resulting in efficient code management and collaboration among team members.
- Conducted extensive testing and debugging to guarantee seamless performance and a positive user experience.
- Utilized the framework's support for both ASGI and WSGI protocols to accommodate the varying requirements of multiple projects and clients.

E-commerce Platform | Campus Store

A Platform for Student-to-Student Buying and Selling   TypeScript | Express | MySQL | React-Native | Postman | Mocha

- Conceptualized and developed Campus Store, an e-commerce platform designed to help students monetize their unused property or services, using React Native for the mobile application and Express for the backend web framework.

- Conducted user testing to identify and resolve any usability issues or pain points, ensuring that the platform is intuitive and user-friendly.
- Integrated social media sharing functionality, allowing users to easily share products and services they are interested in with their followers and friends
- Incorporated user feedback to iteratively improve the user experience and maintain a high level of customer satisfaction, achieving a 95% satisfaction rating among users.
- Enabled in-app messaging and notifications to facilitate communication between buyers and sellers, making it easier for them to arrange transactions and complete sales
- Created and maintained a comprehensive user manual and documentation to help users navigate the platform and understand its features and functionality.

Rate & Discover Platform | RetMe

Rate & Discover nearby services   TypeScript | Go | MySQL | Node.js | Mocha | Postman
- The platform helps users discover new services and makes it easier to locate high-quality service providers in their area.
- Implemented separate microservices for recommendation, verification, booking, rewards, social, and augmented reality features, improving scalability, resilience, and performance.
- Supported multiple languages using a separate translation service built with Python and the Google Translate API.

Operating System Kernel | Hyperion

An operating system kernel using C and assembly language   C | Assembly | Git
- Developed an operating system kernel using C and assembly language
- Implemented memory management, process scheduling, and device drivers
- Conducted extensive testing and debugging to ensure kernel stability and performance
- Documented the project's architecture, design decisions, and code structure in detail.

CERTIFICATIONS & AWARD

Software Engineering Bootcamp | Code Plateau   2020

Completed eight(8) months full-time immersive software engineering Bootcamp   JavaScript | Python | MySQL | PHP | Laravel | Docker
- Completed an intensive 8-month program in software engineering, covering topics such as algorithms, data structures, software architecture, and web development.
- Completed multiple real-world projects, including a full-stack web application and a data analysis tool, demonstrating proficiency in software engineering concepts and tools.
- Won a special recognition award for passion and willingness to learn, going the extra mile to take on challenging projects, contribute to the learning community, and demonstrate outstanding initiative and work ethic
- Was among the top 3 students in the program, recognized for exceptional academic performance and mastery of software engineering concepts.

HackJos 2019 | Hackathon   2019

Participated in a 24-hour hackathon   Python | Git
- Led a team of two and developed a Python app that used AI to detect bad roads, resulting in a second-place finish in the hackathon.
- Created and implemented the solution within 24 hours, demonstrating strong time management and problem-solving skills
- Collaborated with team members to design, develop and deploy the app, showcasing strong teamwork and communication skills