Jessica Sewe Guriyire

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PROFESSIONAL SUMMARY

Results-driven Software Engineer with expertise in web and mobile development, API integrations, and payment solutions. Skilled in JavaScript, React, Node.js, PHP and TypeScript, with experience delivering scalable platforms and supporting operations. Passionate about building impactful solutions and mentoring underserved communities in technology.

TECHNICAL SKILLS

C, Python, PHP, JavaScript, Node.js, React, React Native, Typescript, Laravel, Git, MySQL, Shell, RESTFUL API, Web Scraping, Puppet, Vi, Flask, Redis, MongoDB, CI/CD, NoSQL

EMPLOYMENT EXPERIENCE

Zeepay Ghana | Software Engineer   **November 2022 – Present**

- Zeepay Ghana is a Financial Technology company for mobile money and remittance.
- Collaborated on the development of Zeepay's mobile application, enabling cross-border remittances, bill payments, and money transfers in the UK, Ghana, Barbados, and Zambia.
- Delivered end-to-end technical support to internal teams and external partners, ensuring seamless payment operations and resolving critical issues within tight timelines reducing downtime by 20%.
- Integrated Zambia's Zynle bill payment system, allowing seamless airtime and bill payment services via USSD.
- Authored and signed off UAT documents for successful project deployments, ensuring readiness for go-live.
- Updated comprehensive API documentation for core services, including remittance, bill pay, and business APIs, enhancing integration efficiency and reducing integration time for partners by 40%.
- Tested and approved over 30 new products and change requests, including Payaza (a payment aggregator for Nigeria), resulting in smooth deployments with minimal errors.
- Introduced role-based access control for merchant accounts, improving data security and accountability for over 500 merchants. Additionally, implemented OTP (One-Time Password) toggling for specific users, streamlining cashier onboarding and increasing efficiency by 30%.
- Integrated a feature to view the funding history of agents into the Zeemoney dashboard, enabling access and monitoring of the funding history of agents in real-time, improving financial oversight and operational transparency.

SendStack Africa | Data Analysis Intern   **July 2021 – August 2021**

- SendStack is a software agency for logistics.
- Analyzed customer data collected via the SendStack website between 2020 and 2021 to evaluate user interaction and website performance over time.
- Used website visit and session metrics to assess user engagement, generating actionable insights that informed key decisions on website optimization and performance improvement resulting in a 20% improvement in overall user retention..

EDUCATION

University of Ghana, Legon – Legon, Accra, Ghana.   **August 2018 - June 2022**
Bachelor of Arts in Information Science and Psychology

CO-CURRICULAR ACTIVITIES AND PROJECTS

ALX Africa Software Engineering Program   **April 2023 – June 2024**

- Completed a 12-month intensive software engineering course, gaining practical experience through hands-on projects and developing a strong foundation in coding languages, technical skills, and problem-solving approaches.
- https://intranet.alxswe.com/certificates/f7hSFYMNr3

Bank Of Ghana E-Cedi Hackathon | Team Autocedi   **November 2023 – December 2023**

- Developed a faster, automated payment solution using JavaScript and React.js during a hackathon focused on streamlining financial processes through payment automation.

Play and Learn Foundation - Accra, Ghana   **January 2022 – June 2023**

- Led a tech team to teach computer and basic coding skills to 5 underserved children while also volunteering in a mobile library program to improve their reading skills.