

Humphrey Okoth

Software Developer / Software Engineer

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Kampala, Uganda

EXPERIENCE

Software Developer | Codeigniter4, Laravel
Mcash Uganda Limited Oct 2022 - to date

- Engineered and optimized front-end infrastructure employing Codeigniter4, Laravel and Bootstrap ensuring superior performance and seamless user interaction.
- Drive the forefront of innovative project development leveraging cutting data for agrilink product advancements to enhance digital customer experience.
- Orchestrated collaborative efforts within the team to craft visually captivating and intuitive user interfaces, fostering seamless integration between front-end and back-end systems.
- Handled integration with third party microservices like Airtel and Mtn enabling making payments by traders to farmers.
- Creation of Cron Jobs for payments made by traders to farmers using cyclos micro service.
- Implemented AWS DevOps to facilitate agile project management practices, streamlining development workflows and enhancing project efficiency.

Consultant Full Stack Software Engineer | React, Typescript, Nest JS, WordPress
Kanzu Code July 2021 - to date

- Spearheaded the development of the Church management system, optimizing the platform to facilitate seamless assignment of church activities to users during a sprint.
- Utilized React/React Hooks, ES6, React Testing Library, TailwindCSS and React Query to construct and enhance the platform.
- Configured an end-to-end CI/CD pipeline using circle ci in DevOps for an efficient development and deployment process. Collaborated closely with fellow developers to ensure seamless integration with the NestJS backend.
- Ensured cross-browser compatibility and adherence to W3C accessibility recommendations for an inclusive user experience.
- Thrived in an Agile/Scrum fast-paced environment, consistently delivering effective results.
- Built developed and deployed custom wordpress plugins and theme templates.

Software Developer Apprenticeship | React, Python, Node
Refactory Academy Uganda Jan 2021 - to date

- Played a key role in developing web applications, mobile applications, and microservices for Project Screen's robust suite of solutions for waste management.
- Leveraged a technology stack that encompassed React, React Hooks, TypeScript, Jest Python, Django, and MySQL.
- Established code consistency by elevating test coverage and improving maintainability.
- Fostered a collaborative partnership with the testing team, ensuring the consistent delivery of high-quality solutions. Excelled in a dynamic Agile/Scrum environment, showcasing adaptability and thriving in the face of fast-paced challenges.
- Mentoring of junior developers learning python and Django and NodeJs to debug farm management system and motor spare parts management system.

Free agency Backend Developer | React, Node, Typescript
Upwork Jan 2022 - Jun 2022

- Established and maintained a centralized common library to optimize code management and enhance overall efficiency.
- Drastically improved test coverage, guaranteeing the robustness and quality of the platform for ecommerce platforms.
- Fostered close collaboration with the testing team, ensuring the timely delivery of high-quality work.
- Automation in performance testing using Lighthouse and Puppeteer, optimizing application performance and reliability.

IT Support | Customer Support

Orisa Consult LLC Jun 2018 - Jan 2022

- Contributed significantly to the development of a web application designed to assist casual workers identifying aspects of casual work such as repair requests.

SUMMARY

- Problem Solver with 3+ years of experience in the IT industry, specializing in JavaScript, PHP, Kotlin and TypeScript development.
- Proficient in crafting polished web and mobile applications with beautiful design and well-structured content.
- Expertise in the complete Software Development Life Cycle, including design, implementation, debugging, maintenance, and optimization enhance code quality, resulting in a significant improvement in overall test coverage from 20% to 90%.
- Skilled in handling various technical aspects such as coding modules and libraries, ensuring optimal performance and functionality.
- Known for strategic thinking, effective communication, and collaboration with cross-functional teams and stakeholders.
- Dedicated to staying updated with the latest technologies and best practices to drive innovation and deliver impactful solutions.
- Recognized for delivering high-quality results on time and within budget, earning a reputation as a reliable and results-driven professional.
- Passionate about leveraging technology to drive business growth and create value for clients and stakeholders.
- Committed to excellence and poised to tackle challenges in the dynamic IT and software development landscape.

EDUCATION

Certificate Software Engineering

Clarke International University Jan 2021 - Dec 2021

Bachelor's Information Technology

Makerere University Aug 2012 - Sep 2016

SKILLS

JavaScript, HTML/CSS/SCSS, PHP, Laravel
CodeIgniter4, Typescript, Next.js, Redux,
NodeJS, NestJS, ExpressJS, Python
Basics, MaterialUI, Bootstrap,
Tailwind CSS, React.js, Kotlin,
WordPress, Jest, Jenkins, Mocha,
Selenium, Puppeteer, Linux, Redis, Kubernetes
Socket, MySQL, PostgreSQL, MongoDB,
Firebase, CI/CD, AWS/Google cloud

AWARDS

- Full Stack Track -Tunga Impact Academy 2023
- Code Impact Tutoring and mentorship using Microbit to students 12 to 18 years of age.
- Refactory mentorship programme, Refactory Uganda 2022
- Certificate Of Completion JavaScript Code Challenges, LinkedIn 2022.
- Leadership and software development certificate, Refactory.
- Microsoft server associate certificate 2012 R2, Aptech computer education.
- Cisco Networking Bootcamp Basic Switch and Router configurations 2022.
- Digital marketing, Google Africa digital garage.
- Google Africa developer training program, Google