

VICTOR ONG'OU NYANDORO

Nairobi, Kenya • +254715739910. nyandorovictor3900@gmail.com

<https://victor-portfolio-delta.vercel.app/>

<https://www.linkedin.com/in/victor-nyandoro-a46671232/>

SUMMARY

Results-driven Full-Stack Software Developer with hands-on experience designing, developing, and deploying scalable web applications, RESTful APIs, and end-to-end software solutions. Proficient in React.js, Node.js, TypeScript, PostgreSQL, and cloud-based architectures, with a strong track record of performance optimization, database design, and system scalability. Experienced in agile development environments, collaborating with cross-functional teams, integrating third-party APIs, and maintaining high standards through code reviews, automated testing, and CI/CD pipelines. Adapt at problem-solving, debugging, and adopting modern software engineering best practices to deliver secure, high-quality, and user-centric applications.

WORK EXPERIENCE

Junior Web Developer Intern

Code Edu Tech

May 2021 - Dec 2022

- Developed and Maintained full stack features for an online course platform using React and Node.js serving 1000+ students with seamless course delivery
- Built RESTful APIs to handle course enrollment, user authentication, and payment processing, ensuring secure and efficient data transactions across the platform.
- Optimized database performance by designing and implementing efficient queries in PostgreSQL reducing page load times by implementing Redis caching strategies for frequently accessed course content.
- Collaborated with cross-functional teams to integrate third-party payment gateways and course content delivery systems, enhancing the platform's e-commerce functionality and user experience.
- Implemented responsive UI components using React, Tailwind CSS, and Next.js, ensuring mobile-first design principles and cross-browser compatibility for improved accessibility across devices.
- Maintained code quality and version control through Git workflows, participated in code reviews and contributed to CI/CD pipelines using Docker for consistent deployment environments.
- Reduced API response latency by 35% by optimizing database queries, implementing Redis caching, and refining RESTful service logic.
- Increased course completion and user interaction rates by 25% by delivering responsive, mobile-first UI components and improving page load performance.

Full Stack Developer

APBC Africa

Jan 2023 - Till Date

- Collaborate with the team to design and implement user-friendly web applications using React and JavaScript.
 - Create responsive and adaptive user interfaces using React and Shadcn ui.
 - Design and maintain database schemas to support various application features.
 - Implemented database solutions using PostgreSQL and MongoDB for improved data handling for different softwares.
 - Utilize Git for version control, collaborating with team members on code reviews and feature branches.
 - Created an app called Jibuks which is a mobile accounting application to ensure accuracy and reliability of accounting workflows such as invoicing, expense tracking, and financial reporting
 - Participate in troubleshooting and resolving application issues as they arise.
 - Collaborated in the quality assurance of Jibuks, an all-in-one accounting software, by designing and executing test cases, identifying bugs, and verifying fixes across multiple modules to improve app stability and user experience.
 - Reduced data retrieval time by 35% by optimizing MongoDB indexing and PostgreSQL queries across multiple application modules.
 - Increased user engagement and usability by 25% by delivering responsive, adaptive React interfaces and ensuring cross-browser compatibility.
-

EDUCATION

KCA university

Jan 2021 - May 2025

Bachelor of Science in Software Development

- Specialized in software design, development, and deployment.
- Acquired strong foundational skills in programming languages (e.g., Java, Python, C#).
- Developed hands-on expertise in web and mobile application development.
- Completed projects in database management and cloud computing.
- Gained proficiency in Agile software development methodologies.

TECHINICAL SKILLS

- Programming Languages: Golang, TypeScript, Python, PHP, C#
 - Frameworks & Libraries: React, Node.js, TailwindCSS, NextJs, React Native.
 - Databases: MySQL, PostgreSQL, MongoDB
 - Tools & Platforms: Docker, Git, REST APIs, Grafana, Redis, Airflow,, Azure, AWS, UiPath, and Microsoft Power Platform.
-

PROJECTS

HR Microservice - <https://github.com/vickie25/Hr-microservice.git>

- Streamlines HR operations across multiple companies through a centralized microservice-based platform.
- Manages employee profiles with secure creation, updates, and real-time access to records.
- Automates recruitment and onboarding workflows, including job postings and candidate tracking.
- Simplifies leave management and attendance tracking with approval workflows and status visibility.
- Integrates payroll systems to ensure accurate and consistent employee compensation data.
- Implements role-based access control (RBAC) to secure sensitive HR data and enforce permissions.
- Built using **TypeScript**, **Next.js**, **RESTful APIs**, and modern microservices architecture.
- Used Postgresql for database

Caresphere - <https://github.com/vickie25/Caresphere-clinical-system.git>

- Automates routine processes to save time and reduce errors.
- Provides secure and centralized storage for patient records and clinical data.
- Combines scheduling, billing, and reporting in one platform.
- Offers patient portals for appointment scheduling and medical history access.
- Utilized **PHP**, **VaniillaJS**, and **MySQL** for development.

SparesGuy (<https://github.com/klefty/SPARESGUYv1.git>)

- Ecommerce platfrom used to sell and buy automotive spare parts
 - Integrated an AI-powered chatbot to assist users with product inquiries and navigation.
 - Built the frontend using **React** and **Tailwind CSS**, ensuring a responsive and user-friendly interface.
 - Designed and implemented the backend with **Node.js**, handling business logic and APIs.
 - Utilized **MongoDB** for efficient data storage and retrieval of product listings, users, and transactions.
-

ADDITIONAL INFORMATION

- **Other Skills:** Communication, Teamwork, Problem Solving, TechSavy, Adaptability
- **Languages:** English, Kiswahili
- **Certifications:** AI Career Essentials

REFERENCES

Upon request