

# 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 building scalable web applications, REST APIs, and end-to-end platform features. Skilled in React, Node.js, TypeScript, PostgreSQL, and cloud-based development, with a proven ability to improve system performance, optimize databases, and deliver seamless user experiences. Strong collaborator with experience working across cross-functional teams, integrating third-party services, and maintaining high code quality through reviews and CI/CD practices. Passionate about solving complex problems, learning new technologies, and contributing to modern and high-impact engineering teams.

## WORK EXPERIENCE

- |   |                      |                            |
|---|----------------------|----------------------------|
| <b>Junior Web Developer</b>   | <b>Code Edu Tech</b> | <b>May 2021 - Dec 2022</b> |
| <ul style="list-style-type: none"><li>Developed and Maintained full stack features for an online course platform using React and Node.js serving thousands of students with seamless course delivery.</li><li>Built RESTful APIs to handle course enrollment, user authentication, and payment processing, ensuring secure and efficient data transactions across the platform.</li><li>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.</li><li>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.</li><li>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.</li><li>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.</li></ul>  |                      |                            |
| <b>Full Stack Developer</b>   | <b>APBC Africa</b>   | <b>Jan 2023 - Aug 2025</b> |
| <ul style="list-style-type: none"><li>Collaborate with the team to design and implement user-friendly web applications using React and JavaScript.</li><li>Create responsive and adaptive user interfaces using PHP, Tailwind CSS, and node.js.</li><li>Optimize application performance and ensure cross-browser compatibility.</li><li>Integrate MongoDB for data storage and retrieval, ensuring efficient querying and indexing..</li><li>Design and maintain database schemas to support various application features.</li><li>Implemented database solutions using MySQL, PostgreSQL, and MongoDB for improved data handling.</li><li>Utilize Git for version control, collaborating with team members on code reviews and feature branches.</li><li>Tested 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.</li><li>Participate in troubleshooting and resolving application issues as they arise.</li><li>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.</li></ul> |                      |                            |

# 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.

# TECHNICAL SKILLS

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

## Rent Tech

- Streamlines property management tasks to enhance efficiency.
- Automates background checks to identify reliable tenants.
- Simplifies rent payment processes with automated reminders and payment tracking.
- Enables tenants to submit requests online and tracks resolution progress.
- Digital management of lease agreements, renewals, and expirations.
- Provides a single platform for managing multiple properties.
- Utilized **TypeScript**, **NextJS**, and **TailwindCSS** for development.

## Caresphere

- 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**, **VanillaJS**, and **MySQL** for development.

## SparesGuy

- Ecommerce platform 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.
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## ADDITIONAL INFORMATION

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

## REFERENCES

Upon request