

MICHAEL NJOROGE

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PERSONAL PROFILE

I am a proficient Software Developer with over 4 years of experience in full-stack software development, specializing in both backend and frontend development with a focus on PHP, Laravel, Vue.js, and React.js. My expertise spans designing, developing, and optimizing software solutions that are secure, scalable, and efficient. I am highly adaptable, with a proven ability to quickly learn and master new technologies to deliver innovative and high-quality software. My passion for continuous learning and commitment to excellence drives my enthusiasm for creating impactful software that benefits both organizations and end-users.

PROFESSIONAL EXPERIENCE

TerraSoftworks Limited

Aug 2024 - Present

Fullstack Engineer

Nairobi

- Designed and developed backend modules for Wallet-as-a-Service (WaaS) using Laravel, PHP, and Python scripts, ensuring security, scalability, and performance.
- Built and optimized REST APIs consumed by multiple client applications, handling high transaction volumes.
- Deployed microservices on AWS (EC2, S3, RDS) with CI/CD pipelines, improving release efficiency by 30%.
- Implemented containerized workloads using Docker and Kubernetes, enhancing reliability and scaling.
- Collaborated with cross-functional teams under Agile, ensuring strong cultural alignment and rapid delivery.

Bitz IT Consulting Limited

Jan 2023 - Jul 2024

Fullstack Engineer

Nairobi

- Developed and maintained RESTful APIs in Laravel/PHP and automated data flows with Python ETL scripts, boosting integration efficiency.
- Designed relational and non-relational schemas (MySQL, PostgreSQL, MongoDB) to support enterprise applications.
- Integrated LDAP authentication and JWT-based access control, strengthening system security.
- Implemented CI/CD pipelines with GitHub Actions and GitLab CI, cutting deployment time.
- Exposed backend services to support frontend teams, while occasionally contributing to React.js/Vue.js UIs.

Bitz IT Consulting Limited

Sep 2022 - Dec 2023

Fullstack Developer Intern

Nairobi

- Developed backend reporting and analytics modules using Crystal Reports and database queries, enhancing data accessibility for the team.
- Automated internal workflows with Python scripts, reducing manual processes by 20%.
- Contributed to backend development, debugging, and testing services.

Institute of Advanced Technology (IAT)

Mar 2022 - Oct 2022

Systems & Infrastructure Trainee

Nairobi

- Configured and optimized Linux and Windows servers, improving infrastructure performance for over 100 students.
- Supported networking and lab systems, ensuring minimal downtime and smooth operations.

TECHNICAL SKILLS

- **Languages:** PHP, Java, JavaScript, Python, HTML, CSS, SQL
- **Frameworks:** Laravel, Node.js, Vue.js, React.js
- **Cloud Services:** AWS (EC2, S3, RDS)
- **DevOps Tools:** Docker, Kubernetes, GitHub Actions, GitLab CI/CD
- **Databases:** MySQL, PostgreSQL, MongoDB
- **Other:** Agile Methodologies, Unit Testing, JWT, LDAP, Version Control (Git)

EDUCATION

Maseno University

2019 - 2023

Bachelor of Science, Information Technology

- **Achievements:** Graduation: Second Class (Upper Division)

RUMWE HIGH SCHOOL

2014 - 2018

Kenya Certificate of Secondary Education

- **GPA:** C+

MUIRIGO PRIMARY

2005 - 2013

Kenya Certificate of Primary Education

- **GPA:** 322