Name: Victor. M. Macharia

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Email: techworks0705@gmail.com

Portfolio: https://devmachariavictor.onrender.com

PERSONAL PROFILE

A graduate with a BSc in Applied Computer Science and hands-on experience in full-stack web development and ICT support. Skilled in building and maintaining dynamic web applications using **React, Django, PHP, RESTful APIs, HTML, CSS, Bootstrap,** and **MySQL**. Developed solutions including an e-voting platform and inventory management system that improved transparency and efficiency. Strong foundation in UI/UX and technical support, with proven ability to deliver practical, user-focused solutions.

Dependable, organized, and eager to grow, I'm excited about the opportunity to learn from a collaborative team and contribute meaningfully to live web projects.

EDUCATION

1. **Chuka University**

Bachelor Applied computer science

Grade: Second class upper.

Completed: 2025

2. **eMobillis Technology training institute**

Web development boot camp program

Completed 2024

3. **PLP Academy**

Software Engineering boot camp program

Completed 2024

4. **Karima boys' high school**

Kenya Certificate of Secondary Education (KCSE)

Completed: 2021

WORK EXPERIENCE

1. **Personal Projects**

Period: 2021-2025

Over the course of my academic journey, I developed practical web-based applications that strengthened my backend and frontend skills. These projects reflect my ability to deliver real-world solutions, and several of them are showcased in my online portfolio (***link provided above***).

Chuka University Voting System
Technologies: PHP, JavaScript, MySQL, RESTful APIs

- Developed and deployed a secure online voting platform tailored for Chuka University.
- Implemented real-time vote tallying, candidate registration, and voter authentication to enhance transparency and reliability.
- Strengthened expertise in full-stack development, backend logic, and database management.

Task Tracking Application
Technologies: Django, RESTful APIs, HTML, CSS, Bootstrap, JavaScript

- Built and deployed a task management application enabling users to create, update, and track tasks efficiently.
- Integrated features for deadlines, status updates, and user-friendly interfaces to improve productivity.
- Applied responsive design principles to ensure seamless use across devices.

2. **KenGen** (Intern - Nairobi)

Period: 2024-2025

- Responded to and resolved numerous ICT support requests daily across multiple departments, ensuring smooth day-to-day operations.
- Designed and implemented an ICT inventory management system (PHP, JavaScript, MySQL) that improved asset tracking and accountability.
- Assisted in network troubleshooting and maintenance, contributing to smoother daily IT operations.
- Supported end-users with system updates and training, increasing adoption and reducing support requests.

3. **Co-operative bank** (Service desk Nanyuki)

Period: 2021-2022

- Served as the first point of contact for customers, resolving inquiries and complaints in a timely manner to ensure a positive client experience.
- Guided customers through banking services and processes with clarity, improving satisfaction and reducing repeat visits for the same issue.
- Collaborated with internal teams to escalate and resolve complex issues efficiently.
- Strengthened communication, problem-solving, and multitasking skills by supporting high volumes of client interactions daily.

SKILLS

1) Frontend Development

- HTML, CSS
- React.js
- SEO & content optimization for visibility and engagement

2) Backend Development

- PHP
- Django (Python framework)
- MySQL (Database design & management)

3) DevOps & Version Control

- Git & GitHub proficiency
- Kubernetes (orchestration)

- Basic Docker usage

4) Networking & Systems Administration

- Network setup, maintenance, and uptime monitoring
- Linux environments (Kali, openSUSE)

5) Tools & Productivity

- Microsoft Office Suite
- Google Analytics

6) Professional Skills

- Customer support
- Clear communication

REFEREES

i. Catherine Mulwa (KenGen)

Position: Supervisor – ICT Department

Email: catemulwa@kengen.co.ke

ii. David Matandi

Position: Head Support

Phone: +254 115 840 217