



MEHLULI NOKWARA

Software Engineer

SUMMARY

As a highly motivated and versatile software engineer with five years of experience in full stack web development, I have honed my skills in a range of technologies including Spring Boot, Java, Docker, Kubernetes, AWS, Linux and MySQL. I understand JDBC, JUnit, JPA, HTML5. I am known for my forward-thinking approach, innovative solutions, and have been recognized with industry awards for my work. I am actively seeking global opportunities to contribute my expertise and continue growing in a dynamic environment.

CONTACT

ADDRESS:

29 Ness, Mandara, Harare.

PHONE:

+263782140816

LinkedIn:

<http://www.linkedin.com/in/mehluli-nokwara-204520160>

GitHub:

<https://github.com/mehluli92>

EMAIL:

nokwamehluli@gmail.com

EDUCATION

National University of Science and Technology, Zimbabwe

Aug 2015 – July 2021

Bachelor of Engineering in Electronic Engineering, Grade 2.1.

WORK EXPERIENCE

Quatrohaus, Full Stack Developer

February 2024– Present

- Developed system architecture for TM Pick n Pay ecommerce platform increasing system performance by more than 50%.
- Developed efficient API as well as frontend as a team member, witting efficient and scalable code.
- Helped develop a deployment pipeline and resolve issues.
- Worked as system admin on various Linux platforms.
- Developed system architecture for systems.
- Technologies used Next js, Laravel, Docker, GitHub

LawPlus Solicitors UK, Full Stack Web Developer

November 2023– February 2024

- Developed campaign applications using Vue js, RabbitMQ and Laravel.
- Helped reduce lines of code by 2000+ lines of code through implementing more efficient designs.
- Contributed to developer onboarding processes to ensure that it is seamless.

Reclaim4U UK, Full Stack Web Developer

November 2023– February 2024

- Worked on Security integrations and CRM related API integrations.
- Technologies used Spring boot, React js.

ACHIEVEMENTS

Won the POTRAZ hackathon for the most innovative project countrywide in 2021.

Provincial winner of the most innovative tourism and hospitality project.

PROJECTS

- ✓ Developed a web application which utilized a genetic algorithm to sort out trains and locomotives for NRZ.
- ✓ Developed a Spring Boot education system API.

Kwekwe Polytechnical College, Electrical Engineering Lecturer

Sept 2023 – April 2024

- Prepared and delivered lectures on C and C++ and networking to students.
- Taught Object Oriented principles.
- Worked on a dynamic voltage restorer.

Menokws, Lead engineer.

Aug 2021– Oct 2022

Developed and maintained web applications. Collaborated with Agile (SDLC) cross-functional team of 8 to develop functionality and improve product performance.

- Stakeholder engagement.
- Investor engagement and fundraising.
- Led a team of Electronic Health Record system resulting in successful deployment.
- Worked on developing real time operating systems using C/C++ on STM32F407 device.
- Developed photo plethysmography algorithms.
- Circuit and PCB design.
- Achieved version control by using Git.
- Performed troubleshooting and debugging of solution.
- Participated in code reviews and offering constructive feedback.
- Worked on a high performance RESTful API for IoT devices resulting in 50% increase in upload speed using Java Spring Boot.
- Worked on company website resulting in 80% increase in visibility.

Resbright Investments, Software Engineering Consultant

Dec 2022–May 2023

Collaborate with company team to gather project requirements and make work flows. Developed a customs clearance and freight-forwarding system for the organization.

- Developed and maintained software for client, resulting in a 100% client satisfaction rate.
- Software users increased to 1000 in 2 months thus increasing revenue for organization by 30%.
- Collaborated with cross-functional teams resulting in 80% improvement of organizational efficiency.
- Maintained software using SCRUM methodology thereby achieving CD/CI.
- Worked on photo plethysmography algorithms in C/C++.

Freelance Web developer

Jan 2020–Oct 2021

- Car tracking software: Worked as a back-end developer. I worked on configuring the FMB120 and developed the car tracking feature which accepted data from tracker and pushed it to the server and front-end.
- National Railways of Zimbabwe System: Worked as full stack developer. I worked with company engineers to

gather software requirements. Developed a custom genetic algorithm for allocating wagons to locomotives and integrated it to the web application.

- Document management system for individual: Developed rural council system for keeping PDF documents and tracking them using metadata. This would reduce clutter in the office. Laravel, MySQL and Bootstrap were used.
- Personal Site: Worked on a blog. The blog was for Education, Religion and culture. There were features for surveys to gather information about home schooling in Zimbabwe. Laravel, MySQL and Bootstrap was used.

Mpilo Hospital, IT Intern

Aug 2019–Aug 2020

Worked as an intern where I was a driver of digital innovation at the hospital.

- Conducted network installations and basic troubleshooting.
- Collaborated with a team of nurses to design requirements for a triaging system.
- Developed the web application and deployed it resulting in 50% reduction of patients in the outpatient department and reducing paper work by 30%.
- Worked on company website SEO using HTML, CSS, and JavaScript increasing daily visitors by 5%.
- Conducted A/B test on website.
- Performed networking, desktop support services and Linux server configuration duties.

SKILLS

