

Fabian Muema

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PROFESSIONAL SUMMARY

As a seasoned software engineer with over 7 years of experience, I excel at architecting, building, and leading innovative technology solutions. With a proven track record of spearheading successful projects from conceptualization through deployment, I am well-versed in agile methodologies and possess exceptional problem-solving abilities.

My extensive portfolio includes contributions to large-scale enterprise applications utilizing Languages such as PHP (Laravel) and React Native. I am highly adept at leveraging relational databases like SQL Server, MySQL, and NoSQL options like MongoDB.

I thrive in fast-paced environments where collaboration and effective communication are paramount. As a natural leader, I consistently drive teams towards achieving common goals, fostering positive relationships within cross-functional groups, and ensuring timely delivery of quality products.

With a passion for continuous learning and staying abreast of emerging trends, I am committed to pushing boundaries and driving innovation forward. By joining your esteemed organization, I aim to leverage my expertise to contribute meaningfully to its growth and success.

WORK HISTORY

CM Advocates LLP - Senior Software Developer

05/2023 - Current

- Led a team of 8+ developers to successfully complete major software projects on time and within industry standards.
- Oversaw software development and managed the ICT department.
- Member of the ICT Board, helped in coming up with ICT policies to help the firm and its affiliates digitize the Firm's business processes.
- Elevated performance benchmarks through diligent fine-tuning of Nginx, PHP-FPM and mysql configurations
- Managed and monitored installed systems for highest level of availability using Zabbix
- Conducted code reviews and mentored junior developers to improve code quality and ensure adherence to industry best practices
- Improved software performance by identifying and resolving bottlenecks in the code.
- Streamlined deployment processes using GitHub Actions for software updates, resulting in reduced downtime and increased productivity.
- Developed complex software used by the firm and its affiliates using Laravel 8+, Livewire 3+ and FilamentPHP 3+.

PROFILES

- <https://github.com/fabianmuema>
- [linkedin.com/in/fabian-muema](https://www.linkedin.com/in/fabian-muema)

SKILLS

- PHP (Laravel, Livewire, WordPress & FilamentPHP)
- React Native
- Vuejs, Tailwind CSS
- Amazon Web Services (EC2, S3, Cloudfront)
- Mysql and Galera Cluster, PostgreSQL, MongoDB, Mariadb
- Nginx, PHP-FPM, Apache, Haproxy
- Linux (Ubuntu Server, Bash Scripting, Python Scripting, Arch Linux)
- Terraform
- Zabbix
- Git & Github
- CI/CD (Github Actions, Circle CI)
- Docker
- SOAP and RESTful Web Services
- Redis, Memcached, OPCache
- Xdebug, PestPHP, phpunit, Logstash

EDUCATION

Jomo Kenyatta University

Nairobi, Kenya

Bachelor of Science: Mathematics And Computer Science

- Conducted technical interviews for software engineers, Mobile App Developers and Interns to help grow the Firm's affiliate, Barizi Communications

CM Advocates LLP - Software Developer

10/2022 - 05/2023

- Spearheaded the complete redesign of the firm's website from Wordpress to Laravel, incorporating modern UI/UX principles to improve navigation, SEO and site performance
- Came up with Standard Operating Procedures for web and software management and oversaw the implementation.
- Played a pivotal role in the diagnosis and resolution of critical network issues using Mikrotik, routerOs and Laravel, significantly improving the internet for employees.
- Developed and implemented a comprehensive backup policy using AWS and bash, ensuring data integrity and availability while minimizing the potential impact of data loss incidents.
- Mentored junior team members on Laravel, FilamentPHP, Livewire and Linux, fostering a learning environment and encouraging the continuous improvement of technical skills and industry knowledge.
- Tested functional compliance of company products.

Centipid Technologies LTD - Lead Software Developer

Nairobi

06/2023 - Current

- Developed network management software, using Laravel, Bash and RouterOs that helps network administrators, WISPs, corporate and small enterprises manage their networks and clients
- Reduced the time to market of new features by using agile methodologies, optimized CI/CD pipelines using GitHub Actions and TALL stack tools such as Filament.
- Managed servers and optimized them for 20,000+ daily users using Redis Cluster, Galera Cluster, Cloudfront and optimized PHP-FPM configurations.
- Managed backup on S3 and disaster recovery through strict data control and retention policies, personally handling recovery tasks when issues arose.
- Analyzed network traffic in RouterOs, bash scripting and performance metrics to optimize system performance.
- Conducted regular audits of data quality in Galera Cluster, identifying inconsistencies and implementing corrective actions as necessary.
- Used Zabbix and other monitoring tools to ensure downtimes were minimal
- Used Haproxy to load balance and provide high availability Galera Cluster and Applications
- Automated payments from clients to Internet Service Providers using Credit Cards (Pesapal), Mpesa and USSD.

The Tech Glitch - Freelance Developer

Remote

05/2016 - 06/2021

- Developed websites for various clients using Laravel, Wordpress and FilamentPHP
- Developed cross platform mobile applications for various clients using React Native
- Designed and developed forward-thinking systems that meet user needs and improve productivity.

Bityarn Consult - Lead PHP Developer

03/2022 - 10/2022

- Led a team of developers in the creation and maintenance of Software for Kenya Wildlife Service and the Ministry of Foreign Affairs

Bityarn Consult - PHP Developer

01/2022 - 03/2022

- Developed and designed BPMN Processes using processmaker, PHP Scripting and Laravel for the Ministry of Foreign Affairs to help them better manage their staff, diplomats and different Embassies and missions in the country.
- Developed applications using Laravel and the TALL stack to help diplomats in applying for Diplomatic IDs, and other diplomat privileges.
- Developed scalable applications that are used by over 10,000 Mission Officers in the country.
- Spearheaded the development of SEO friendly WordPress Sites for a major FinTech Company and Insurance company in the country.
- Worked with the United Nations Office in Nairobi (UNON), Kentrade, KRA and the immigrations office to add REST and Soap APIs that would integrate with the Ministry of Foreign Affairs System.
- Secured the Ministry's servers using IPTables, UFW, routing rules and other server configurations

Workpoint Ltd - Junior PHP Developer

06/2020 - 01/2022

- Developed live streaming service to stream live court cases for the East African Court of Justice using Wordpress, PHP and Linux
- Developed CRM's and dashboard to analyze data for different projects
- Managed and helped in debugging Linux servers using Apache, Mysql, Nginx

Dscon - Network Administrator

04/2018 - 02/2020

- Wrote scripts in Python and PHP to automate common server administration tasks.

- Managed the company network using RouterOs, Mikrotik and Ubiquiti Devices
 - Maintained optimal network performance by performing network monitoring and analysis.
 - Analyzed network components to identify beneficial improvements.
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LANGUAGES

English: Native language

English: C2



Proficient