

Yves Kayembe Kapinga

Industrial Systems & Data Engineer | Full-Stack Developer | Lean Six Sigma Black Belt

GitHub: <https://github.com/yveskapinga>

Kolwezi, DR Congo (Open to Remote)

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PROFESSIONAL SUMMARY

Full-stack developer with 8+ years of experience combining software engineering, data analysis, and industrial operations in high-performance mining environments.

I design and build scalable systems, data-driven platforms, and operational tools that improve performance, reliability, and decision-making. My hybrid background (tech + industry + data) allows me to deliver solutions that are both technically robust and business-impactful.

Currently pursuing an MBA, with a focus on digital transformation, system optimization, and scalable technology solutions.

CORE SKILLS

- JavaScript (Node.js, Express)
 - PHP (Symfony, Laravel)
 - Frontend (React / Vue.js)
 - REST API development
 - SQL (MySQL, PostgreSQL)
 - System architecture & deployment
 - Data analysis & performance monitoring
 - ISO standards (9001, 14001, 45001)
 - Lean Six Sigma (Black Belt)
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PROFESSIONAL EXPERIENCE

Lead Auditor (Freelance)

Feb 2026 – Present - Conduct ISO 9001, 14001, and 45001 audits - Identify operational risks and compliance gaps - Deliver actionable improvement plans

Final Product & Monitoring Inspector

Kamoto Copper Company (KCC) May 2025 – Present - Monitor metallurgical KPIs (grade, recovery, yield) - Analyze discrepancies between production, lab, and shipment data - Detected

and reduced data inconsistencies between production and laboratory reports - Improved data reliability and reporting accuracy - Support metallurgical balance tracking and performance analysis

System Developer

Success Globally Company Sep 2023 – Present - Designed and deployed internal management systems used by operational teams - Built full-stack applications (PHP, JavaScript) to support business processes - Automated workflows, reducing manual operations by up to 40% - Improved system performance and scalability through backend optimization

Consultant – Mining & Environmental Analysis

Mitra SK Mar 2022 – Mar 2024 - Expanded operations in DR Congo market - Trained teams in environmental analysis - Managed recruitment and field operations

Quality Assurance Inspector

Kamoto Copper Company (KCC) Sep 2018 – 2025 - Ensured compliance with international production standards - Monitored production processes and quality indicators - Contributed to continuous improvement initiatives

Administrator

Action pour la Protection de l'Environnement (NGO) 2016 – Present - Led environmental impact projects

Software Trainer & System Designer

Star Business International 2016 – 2017 - Delivered software training and built applications

Data Analyst

Knight Piésold Consulting 2015 – 2016 - Designed databases and analytical reports

Intern – Chemical Analysis

Office Congolais de Contrôle (OCC) 2015 - Conducted laboratory analysis and quality control

PROJECTS (KEY FOR REMOTE ROLES)

Industrial Monitoring System

- Built a full-stack dashboard (API + frontend) to track production KPIs
- Visualized key metrics (grade, recovery, yield) for decision-making
- Designed scalable data models and REST APIs

Quality Management System (QMS)

- Developed a quality management system aligned with ISO standards
- Managed audits, non-conformities, and reporting workflows

Data Analytics API

- Built APIs to calculate industrial performance metrics
 - Implemented anomaly detection logic for operational insights
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EDUCATION

MBA – Business Administration (Ongoing)
UNICAF University

Bachelor’s Degree in Industrial Chemistry
University of Lubumbashi – 2016

CERTIFICATIONS

- Lead Auditor ISO 9001 / 14001 / 45001 – 2026
 - Lean Six Sigma Black Belt – 2022
 - Lean Six Sigma Green Belt – 2022
 - ISO 9001 Quality Management – 2023
 - PHP Developer – 2023
 - Entrepreneurship & SME Management – 2023
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LANGUAGES

- English: Professional working proficiency
 - French: Native
 - Swahili & Lingala: Native
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KEY STRENGTHS

- Strong hybrid profile: Technology + Industry + Data
- Experience in high-stakes production environments
- Ability to translate business needs into technical solutions
- Focus on performance, scalability, and impact