

Dabwitso Elvis Mweemba | Software Engineer

+260 972 334 505 | mweembadabwitso@gmail.com | [LinkedIn](#) | [GitHub](#)

Experienced in building scalable web applications, optimising performance, and automating workflows to enhance efficiency. Strong track record of reducing operational overhead and collaborating across teams to deliver high-impact solutions.

TECHNICAL SKILLS

- Languages: Python, JavaScript (ES6+), PHP, TypeScript, C, C#, C++, Java, SQL.
- Frontend: React, Vue.js, Redux, Tailwind CSS, Laravel, REST/GraphQL.
- Backend: Python, Django, Node.js, Flask, PostgreSQL, AWS (EC2/S3), Redis.
- Tools: Git/GitHub Actions, Docker, Jira, Postman, CI/CD.

PROFESSIONAL EXPERIENCE

Software Engineer & Technical Support Engineer | Edulution Africa (Hybrid) · 2022 – Present

- Built a Django/Vue.js ticketing system that reduced support response time by 40%.
- Tech Stack: Python Django REST, Vue.js, PostgreSQL, AWS S3, Redis.

Software Developer (Contract) | Gnamma Technologies · 2023 – 2024

- Delivered 5+ React/Node.js web apps that improved client workflows by 35%.
- Designed network optimisation tools resolving 90% of latency issues for enterprise clients.
- Tech Stack: Flask, React, Node.js, AWS EC2, GitHub Actions, Docker. Meraki API Integration.

Lead Developer | Learniva AI · 2024 – Present

- Spearheaded development of an AI-powered Learning Management System (LMS).
- Leading a team of 6 engineers to deliver MVP within 4 months, securing early-stage funding.

Co-founder & Lead Software Engineer | Code Savanna (Community) · 2023 – Present

- Mentored junior developers in code reviews, Agile workflows, and best practices for scalable architecture.
- Launched a Django-based blogging platform with AWS EC2.

KEY PROJECTS

[Learniva AI](#) | TensorFlow, PyTorch, AWS EC2, Django, Next.js

- We are using TensorFlow, PyTorch, integrating real-time analytics for personalised learning.
- Integrated AWS EC2 for scalable backend infrastructure, ensuring 99.9% uptime during peak usage.

[Consultant Invoice Manager](#) | React, Node.js, TypeScript, Google OAuth

- Automated invoice generation for Edulution Africa, reducing billing errors by 25% and saving 15+ hrs/month manually.
- Added multi-user support, allowing role-based access for admins and consultants.

[Technical Support Web App](#) | Vue.js, Django, AWS EC2

- Created a Tech Support web app for real-time ticket tracking; implemented CI/CD pipelines to achieve 99.9% uptime.
- Optimised database queries in PostgreSQL, reducing ticket retrieval time by 50% .

EDUCATION & CERTIFICATIONS

- BSc Computer Science | National Institute of Public Administration (NIPA) · Expected Dec 2026.
- Meta Frontend/Backend Professional Certifications.
- AWS Certified Developer – Associate (In Progress expected completion August - 2024).

ACHIEVEMENTS

- JP Morgan's Force for Good Project (2024) Optimised data pipelines and built AI-driven analytics dashboards with JP Morgan engineers, enhancing numeracy learner insights for Edulution.