

Maxime Mulumba

Full Stack Developer with 5+ years building and shipping software — from web applications and RESTful APIs to AI-powered features and system integrations — across cybersecurity, event technology, and healthcare. My background in enterprise support and security awareness means I build with the end user in mind from day one.

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- REACT · NEXT.JS
- VUE.JS · NUXT.JS
- NODE.JS · FASTAPI
- PYTHON · TYPESCRIPT
- REST APIS · SYSTEM INTEGRATIONS
- POSTGRES SQL · MONGODB
- DOCKER · AWS · CI/CD
- CYBERSECURITY AWARENESS
- LLM APIS · AI INTEGRATION

EDUCATION

BSc Information Technology Software Engineering
Pearson Institute, Cape Town
2016 – 2020

Higher Certificate IT Information Systems
CTI Education Group, Cape Town
2015

SKILLS

AI & LLM

OpenAI API, Claude API, LLM integration, prompt engineering, AI feature development

FRONTEND

React, Next.js, Vue.js, Nuxt.js, TypeScript, Tailwind CSS, responsive UI

BACKEND

Node.js, Express, FastAPI, Django, Laravel, Python, RESTful APIs, microservices

DATABASES

PostgreSQL, MySQL, MongoDB, Redis, Firebase

DEVOPS

Docker, AWS, Linux, GitHub Actions, CI/CD pipelines, Jenkins

CYBERSECURITY

Phishing simulation, security awareness training, social engineering, risk assessment

PRACTICES

Agile/Scrum, unit and integration testing, code reviews, clean code, technical documentation

TOOLS

Git, Postman, Jira, Asana, Slack

LANGUAGES

EXPERIENCE

Full Stack Developer

May 2024 – Present

Lucy Awareness · Switzerland (Remote) · Cybersecurity / SaaS

- Rebuilt the Lucy platform UI working closely with product and design, shipping new features on two-week Agile sprints for enterprise banking clients across Europe
- Shipped an AI-powered phishing detection score from zero to production, integrating machine learning risk models that changed how the platform assesses threat levels for enterprise users
- Integrated LLM-based content analysis into the phishing simulation pipeline, making it possible to generate smarter, more context-aware threat scenarios
- Built Azure SSO with automated user provisioning, removing the need for manual account setup across the platform for enterprise clients
- Developed a reusable React component library and contributed to a shared design system, which cut duplication and sped up feature delivery across the product
- Consumed AI and ML model APIs from backend services to display dynamic risk scores and model predictions in the frontend, with careful handling of edge cases
- Wrote unit and integration tests for AI-adjacent features to keep detection logic consistent across different input scenarios

React · TypeScript · Vue.js · Node.js · Python · FastAPI · Azure SSO · REST APIs · LLM APIs · PostgreSQL · Docker · Agile/Scrum

Lead Technical Support Engineer & Cybersecurity Awareness Consultant

Oct 2023 – May 2024

Lucy Awareness · Switzerland (Remote) · Cybersecurity / SaaS

- Worked directly with enterprise clients, including banks and large multinationals, to plan and run phishing simulation campaigns — guiding them through setup, targeting, and reviewing results
- Delivered security awareness training sessions to client teams, helping non-technical staff understand social engineering risks, how phishing works, and what good security behaviour looks like in practice
- Advised clients on how to structure their awareness programmes over time, making sure simulations were meaningful rather than just a compliance tick-box exercise
- Acted as the main escalation point for complex technical issues, working across tickets, merge requests and live calls to get things resolved quickly
- Put together internal documentation that gave the team a clearer way to handle common issues and made it easier to bring new people up to speed
- Worked closely with the product and engineering teams, passing on patterns and recurring problems spotted through client work to help shape what got built next

Technical Support Engineer

Apr 2023 – Oct 2023

ThriveDX Enterprise · Israel (Remote)

- Handled multiple enterprise support cases at the same time, keeping on top of SLA requirements across a range of different production environments
- Took care of Linux server administration and wrote Python and Bash scripts to automate tasks that were otherwise eating into the team's time each week
- Built automation workflows using API connections and wrote up the solutions clearly so both the team and clients could refer back to them

Python · Bash · Linux · PostgreSQL · Docker · REST APIs · Vue.js · PHP

French
English

Native
Excellent

Lead Product Support Engineer

Feb 2022 – Apr 2023

InEvent · New York, USA (Remote)

- Looked after a distributed support team across EMEA and North America, handling L2 escalations and keeping things moving between support and engineering
- Put together a structured training programme for new engineers that helped them get confident on complex tickets faster than before
- Kept SLA targets on track while making sure client communication stayed clear and helpful throughout

Product Support Engineer

Jul 2021 – Feb 2022

InEvent · New York, USA (Remote)

- Built custom event templates and client websites by working directly in the codebase — no page builders or plugins involved
- Helped clients connect their accounts to third-party tools and REST APIs, troubleshooting integration issues and Git workflows along the way

Vue.js · PHP · MySQL · REST APIs · Jira · Intercom

Software Developer

Feb 2020 – Jul 2021

OctoBytes Solutions · Cape Town, South Africa

- Built and maintained full stack web applications for several clients, handling both feature work and production issues as they came up
- Designed and shipped a QA automation system for Faircape that replaced a largely manual testing process
- Built the admin dashboard for MEDPay — a healthcare platform connecting practitioners and patients — from scratch using Vue.js and PHP

JavaScript · Vue.js · Nuxt.js · PHP · Laravel · Node.js · C# · MySQL

SIDE PROJECTS & COLLABORATIONS

CallStrike AI

World's first AI-powered vishing simulator — performs live voice phishing calls indistinguishable from real humans, used for enterprise security awareness training
callstrike.ai

TrackOS

Scalable, user-driven fleet management platform built for real-time monitoring and operational optimisation
trackos.app

MyLibota

African community network and search platform connecting People, Businesses, and Organisations across the continent
mylibota.com

CasaKonnnect

Leading e-commerce platform in the DRC — widest product range and best online shopping experience in the country
casakonnnect.io