

FABIAN TERES

Senior Full-Stack Software Engineer

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PROFESSIONAL SUMMARY

Senior Full-Stack Software Engineer with 2+ years building and shipping production SaaS and enterprise platforms end-to-end — from backend architecture and API design to cloud deployment and AI/ML integration. Proven ability to own full product lifecycles (HR systems, event-management platforms, AI-driven diagnostics) from architecture through delivery, working directly with stakeholders to turn business requirements into scalable technical solutions. Deep expertise in Node.js, Python, MongoDB, and RESTful API development, with hands-on cloud-native infrastructure experience on AWS. Track record of mentoring engineers and driving architectural decisions across a multi-product portfolio.

WORK EXPERIENCE

Full Stack Engineer — Qimuro TechLab

Jan 2024 – Present

- **Owned end-to-end delivery** of multiple SaaS and enterprise platforms across event management, agriculture, business operations, and digital transformation — the sole or lead engineer taking each product from architecture through production release.
- **Led development of QimuroHR**, an HR management platform automating attendance tracking, payroll processing, and workflow management, replacing manual processes for client organizations and giving them real-time visibility into their operations.
- **Architected EEvOps**, a full-featured event-management platform spanning attendee registration, venue booking, exhibitor/sponsor management, floor-plan visualization, payment workflows, notifications, and administrative reporting — designed to support concurrent multi-event, multi-role usage.
- **Designed scalable backend services** using Node.js, Express.js, MongoDB, Redis, and RabbitMQ, building RESTful APIs engineered to support high-concurrency, multi-user production workloads.
- **Built and operated cloud-native infrastructure on AWS**, including Dockerized deployments, CI/CD pipelines, SSL/TLS configuration, and Nginx reverse-proxy management — reducing manual deployment steps and improving release reliability.
- **Delivered full-stack features across Vue.js and Nuxt.js**, shipping responsive, enterprise-grade user experiences for both internal and client-facing applications.
- **Spearheaded Shamba Afya**, an AI-powered crop-diagnosis platform, taking it from concept to a working product; engineered the Python-based disease-detection model to 95% testing accuracy, directly improving farmers' ability to catch crop disease early.
- **Engineered secure, reusable authentication and RBAC infrastructure**, plus payment integration, notification services, and third-party API integrations, reused across multiple products to cut duplicate implementation effort.
- **Partnered directly with stakeholders, clients, designers, and product teams** to translate ambiguous business requirements into scoped, shippable technical solutions.
- **Mentored junior developers through the UNDP HACK4ENV program** and established engineering best practices and architectural standards adopted company-wide.

Backend Engineer — Nathan Digital

Dec 2024 – Jun 2025

- **Built and maintained an HRMS platform** using Node.js and MongoDB (Mongoose), supporting core HR operations for client organizations.
 - **Designed RESTful APIs** enabling reliable, low-latency communication between front-end and back-end services.
 - **Drove API quality** through systematic testing and debugging with Postman and browser dev tools, reducing integration issues before release.
 - **Optimized database performance** and delivered new system features in close coordination with cross-functional teams, using Git and Bitbucket for version control.
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EDUCATION & CERTIFICATIONS

ALX Software Engineering Certification — Completed 2024

- Intensive 12-month program covering data structures, algorithms, full-stack development, DevOps, and cloud computing, with hands-on delivery using industry-standard tools.

TECHNICAL SKILLS

- **Languages & Frameworks:** Node.js, Python (Flask, FastAPI), JavaScript/TypeScript (React.js, Next.js, Nuxt.js), C# (.NET)
- **Databases:** MongoDB (Mongoose), MySQL, PostgreSQL, Supabase, Redis, ORM
- **API Development:** REST APIs, GraphQL, Postman, RabbitMQ, BullMQ
- **Tools & Platforms:** Git & GitHub, Bitbucket, Docker, Nginx, Vercel
- **Cloud & DevOps:** AWS, Azure, CI/CD, SSL/TLS Configuration, Containerization
- **AI & ML:** Machine learning model integration, LLM integrations, computer vision