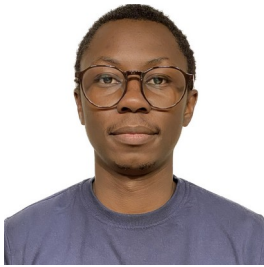


Isaac Hatilima

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Curriculum Vitae

Personal Details

Date/Place of Birth 07 December 1992 in Choma, Zambia

Profile

Full-Stack Software Engineer with 6+ years of experience shipping production web and mobile applications, from architecture to App Store release. Building Landeni (landeni.com), a Laravel-backed language-learning app for translation practice with AI grading. Deep expertise in React, TypeScript, React Native, and Laravel, backed by hands-on DevOps ownership of Kubernetes-based infrastructure, CI/CD, and observability. Proven in agile teams (Scrum, SAFe) with a structured, ownership-driven delivery style.

Professional Experience

Jun 2025 - Present	DevOps and Infrastructure Engineer (Self-Directed) Home Lab, Regensburg, Germany › Deployed and operate Kubernetes (k3s) clusters with Traefik ingress, Longhorn persistent volumes, and containerized workloads; manage clusters via Rancher. › Provisioned cloud infrastructure on Hetzner using Terraform and automated system configuration with Ansible; built Docker Swarm environments for container orchestration. › Implemented observability with Grafana and Prometheus; built high-availability PostgreSQL clusters for stateful services. › Automated CI/CD workflows end-to-end, reinforcing practical knowledge of cloud deployment, rollout strategies, and infrastructure-as-code.
Sep 2023 - Nov 2025	Full-Stack Software Engineer Bet3000 Entertainment, Waldkraiburg, Germany › Developed and maintained multiple production web applications in React, TypeScript, and PHP with full ownership of frontend architecture, API integration, and UI component design. › Built a real-time device management platform (React + WebSocket data layer) handling concurrent live updates across retail locations; cut operational process time by 80%. › Architected a franchise management application (React, PHP, MySQL) implementing complex multi-region business logic and scalable UI patterns for high data volumes. › Designed a multi-source data-warehouse reporting layer integrating MSSQL and Oracle, improving BI accessibility by 60%. › Maintained GitLab CI/CD pipelines, led code and design reviews, and drove quality through automated testing and refactoring initiatives in a Scrum/SAFe environment.
Mar 2022 - Aug 2023	Software Engineer APS-Tech Group, Ellwangen, Germany › Built a React Native mobile application for point-of-interest exploration, integrating REST APIs with a focus on performance and data integrity across large datasets. › Developed a real-time IoT backend in Python/Django REST Framework supporting 100+ concurrent users, with structured JSON API design and OpenAPI documentation. › Engineered a WPF-based industrial metrology application with machine-control interfaces, demonstrating adaptability across technical domains.
May 2019 - Feb 2022	IT Support Engineer TechMasters Zambia Ltd., Lusaka, Zambia › Developed a PHP-based SLA incident tracking system used by 100+ staff across multiple banking institutions.

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- › Led an enterprise Windows migration and maintained 95%+ ATM network uptime for multiple banking clients.

Education

2019 *Diploma in Computer Science with Education*
Evelyn Hone College, Lusaka, Zambia

Further Skills and Knowledge

Language Skills	English - Native German - A1 (actively improving)
Frontend	React, TypeScript, JavaScript (ES6+), Inertia.js, Livewire, HTML5, CSS3, Tailwind CSS
Mobile	React Native, Expo (EAS builds, OTA updates, App Store & Google Play releases)
Backend	PHP 8.x, Laravel (Horizon, Reverb, Cashier/Stripe), Python, Django REST Framework, Node.js
APIs & Real-Time	REST, OpenAPI, WebSockets, OAuth 2.0, JWT, Webhooks
Databases	PostgreSQL, MySQL, Redis, MSSQL, Oracle
Cloud & DevOps	Docker, Kubernetes (k3s), Terraform, Ansible, Traefik, Hetzner Cloud, Grafana, Prometheus
CI/CD & Tooling	GitLab CI/CD, GitHub Actions, Jenkins, Git, JIRA, Confluence
Testing & Practices	Pest, Vitest, automated testing, SOLID, design patterns, code review, Scrum, SAFe
Links	isaachatilima.dev github.com/isaachatilima

Regensburg, 10/09/2026

Isaac Hatilima