

# VINCENT K. CHEBON

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## PROFESSIONAL SUMMARY

Full-stack senior developer with 7+ years of experience designing and deploying interactive web portals, RESTful APIs, and data-driven platforms. Proven expertise in systems integration, data migration, interoperability, and building monitoring & evaluation (M&E) dashboards for multi-stakeholder environments. Skilled in emerging technologies, CMS development, and creating networking platforms that connect diverse ecosystems. Experienced in technical documentation, capacity building, and training non-technical users. Kenyan citizen based in Africa, fluent in English and Swahili.

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## CORE COMPETENCIES

- Full-Stack Web Development (Laravel, Vue3, React)
- Front-End UI/UX (HTML/CSS, Inertia.js, Responsive Design)
- Database Engineering (PostgreSQL, MySQL, Oracle, SQLite)
- Cloud & Digital Infrastructure (Azure, GCP, Docker, CI/CD)
- Mobile App Development (Java, Flutter)
- RESTful API Design & Systems Integration
- Data Analytics & M&E Dashboard Development
- Data Migration, Interoperability & Governance
- CMS & Portal Development (WordPress, Custom)
- Technical Documentation, SOPs & Capacity Building

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## PROFESSIONAL EXPERIENCE

### DevOps Engineer | Atlancis Technologies | 2019 – Present

#### CRS – Kenya Civil Registration Services

Team lead in the development and deployment of birth and death notification service, built using Laravel & EDB PostgreSQL backend, ReactJS frontend. Using the LEPP tech stack – Linux Nginx PostgreSQL PHP.

I setup and integrated one single sign-on (SSO) using Keycloak OpenID Connect for all the application services i.e., ASP.NET WebForms and Notification App Service. A centralized user management platform for the organization's users with scopes and role-based access.

Led enterprise data migration from Oracle to EDB Advanced PostgreSQL using Ora2Pg, implementing interoperability layers and data governance protocols to ensure seamless cross-system integration for on-premise client infrastructure.

Led deployment of Apache APISIX API gateway to expose legacy ASP.NET Web Forms (.NET 4.x) APIs securely to stakeholders, enabling centralized authentication, rate limiting, and monitoring.

Setup and integrated metrics into Grafana dashboards for real-time visibility and performance tracking.

Led in designing and implementing the entire distributed application services architecture and occustration using docker with docker compose and on-premise GitLab pipelines for CI/CD.

Led in writing technical as-built documentation for GitLab setup, database setup, notification service setup and apache APISix setup & source code documentation for the notification service.

We collaborated on issues via jira with scrum and complied with agile methodology.

#### KEBS – Kenya Bureau of Standards

I led in developing and deploying the KEBS Integrated Management System (IMS) — a centralized, interactive portal with monitoring & evaluation dashboards enabling real-time tracking, registration and certification of standards compliance across organizations, built with Laravel & MySQL backend and Blade for frontend. Using the LEMP tech stack – Linux Nginx MySQL PHP.

I integrated 4 application services to use Keycloak single sign-on deployed by a team member. A centralized user management platform for the organization's users with scopes and role-based access.

I led in designing, developing and implementing the distributed 4 application services architecture i.e., Management Certification Service, Personnel Auditor Certification Service, Quotation Service and Customer Feedback Service using docker and docker compose for occustration.

Provided technical documentation, SOPs, and capacity-building guidance to non-technical staff on system usage and workflows.

We collaborated on issues via jira with scrum and complied with agile methodology.

#### iLearn.fun

I collaborated on the development of iLearn.fun — a digital education (EdTech) platform for mobile with interactive content delivery, user analytics, and M-Pesa payment integration. I administered data dashboards via Metabase for usage tracking and reporting.

We used jira for issue tracking and github for version control.

We wrote the codebase using Java Android studio for native android mobile experience.

#### Servnah Cloud

Integrated iPay payment gateway with cloudstack infrastructure via RESTful APIs, by building secure digital transaction pipelines across distributed systems.

### Founder | TouchIT Limited | 2020 – Present

Architected Avrello, a multi-stakeholder funds disbursement platform for NGOs — I collaborated in the development of an interactive portal with a colleague, back-office web portal management system using Laravel and blade, and offline-first mobile app using Android Studio Java, enabling data-driven tracking and reporting across distributed organizations.

The two applications web and mobile app communicated via RESTful APIs that I wrote using Laravel passport with data validation and governance layers.

I used MySQL DB for the backend to support syncing of records from the mobile app ObjectBox on device DB to the web server MySQL DB supporting cross-organizational monitoring, evaluation, and impact reporting when the device is connected to an internet source.

#### **Full-Stack Developer** | ShuleMall | 2018 – 2019

Developed and deployed an e-commerce platform tailored specifically for students with M-Pesa payment integration, Laravel & MariaDB backend, and RESTful APIs supporting real-time inventory tracking using Laravel Passport.

I managed database operations and version control via GitHub.

#### **Android Developer** | Northfront Technologies | 2018 – 2019

Built M-Lugha, an inclusive digital literacy app supporting 10+ African languages for early learners — developing UX design for diverse, underserved communities and alignment with Africa's human capital development priorities.

Implemented in-app billing (G-Pay) and M-Pesa Express payment integration.

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## **EDUCATION**

**BSc. in Information Technology** | Kabarak University | 2018 – Current

**Diploma in Information Technology** | Kabarak University | 2014 – 2016

## **CERTIFICATIONS & LEADERSHIP**

- Digital Skills Certificate — eMobilis
- PHP Basics, HTML5 Fundamentals, JavaScript — SoloLearn
- Certificate of Participation — 7th Annual Kabarak University International Research Conference (Student Innovation Exhibition)
- Koibatek District Students' Congress — Science & Engineering Fair Certificate of Commendation
- Koibatek District Students' Congress — Science & Technology Certificate of Commendation
- Director of Spiritual Affairs — Kabarak University Students' Organization (Nakuru Town Campus)
- Entertainment Captain — Kabimoi Boys High School
- Peer Counselling Certificate

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## **LANGUAGES**

English (Fluent) | Swahili (Native)