

CHI SAMUEL APENG

Senior Software Engineer | Full Stack & Cloud Infrastructure | chisamuelapeng@gmail.com | +237 659 224 784 | chisamuel.com | [Github Profile](#) | [LinkedIn Profile](#)

1 PROFESSIONAL SUMMARY

Versatile Software Engineer with a holistic view of the software lifecycle, from UI/UX design to Kubernetes orchestration. Proven track record of building high-performance SaaS products using Next.js/React and ensuring 99.9% uptime through automated CI/CD pipelines. Founder of **Solumentics**, partnering with enterprise clients (**MTN Business**) to deliver secure, scalable digital transformation solutions.

2 TECHNICAL SKILLS

- **Languages:** TypeScript, JavaScript (ES6+), Python, SQL, Dart (Flutter).
- **Frontend:** React, Next.js, Tailwind CSS, ShadCN UI, PayloadCMS, Figma.
- **Backend:** Node.js, Express, Hono API, Flask, PostgreSQL, MongoDB, MySQL.
- **DevOps & Cloud:** Kubernetes, Docker, GitHub Actions, DigitalOcean, Nginx, Linux.

3 PROFESSIONAL EXPERIENCE

SOFTWARE ENGINEER | Nextise GmbH (Remote, Germany) Jan 2025 – Present

- **End-to-End Development:** Led the full-stack development of **BarriereHilfe**, architecting a 3-tier system (Platform, Plugin, Admin) to ensure WCAG accessibility compliance for German markets.
- **Infrastructure Engineering:** Orchestrated the deployment of the **LinkReach**, **Autoreach**, **Automatish AI** and other SaaS ecosystem on **DigitalOcean Kubernetes**, configuring Ingress controllers and self-healing database clusters.
- **Pipeline Automation:** Reduced deployment time by 40% by engineering custom GitHub Actions pipelines that automate testing, building, and container registry pushing.
- **Platform Optimization:** Modernized the legacy **Kodschul** codebase, improving core web vitals and SEO rankings through Next.js server-side rendering optimizations.

FOUNDER & TECHNICAL LEAD | Solumentics (Yaoundé, Cameroon) Dec 2023 – Present

- **Enterprise Delivery:** Partnered with **WAP'S CORPORATION (MTN Business Partner)** to architect and maintain digital solutions for corporate clients, including Canal+ Wholesale partners, **Nadscam** (NGO) and **CSB-Amasia** (education).
- **Full Stack Deployment:** Provisioned VPS environments and configured Nginx reverse proxies to host client applications, ensuring SSL security and load balancing.
- **Client Solutions:** Developed and launched custom web platforms for international SMEs (e.g., **clenvy.de**), handling everything from UI design in Figma to final deployment on Linux servers.

FULL STACK DEVELOPER | Adipster Tech Limited Dec 2023 – Sep 2024

- **Backend Performance:** Developed high-throughput API services using **Golang** for a CRM system, optimizing database queries for large datasets.
- **Data Integration:** Integrated Python-based LLM analysis tools into web dashboards to visualize real estate market trends.
- **Interactive Media:** Collaborated on the development of optimized 2D interactive simulations using Unity.

4 EDUCATION

Bachelor's Degree in Computer Science — University of Yaoundé I (2022 – 2023)

Higher National Diploma in Software Engineering — Siantou University Institute (2020 – 2022)