

Patrick Paul

Software Engineer & Technical Consultant

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Dedicated Software Engineer and Technical Consultant specializing in full-stack web development (React, TypeScript, Node.js). Founded cPage, an automated academic cover page platform used by university students across Tanzania. Built and scaled production systems including Trinity POS and internal enterprise tools. Focused on clean code, system design, and high-performance solutions.

AREA OF EXPERTISE

- **Frontend:** React, TypeScript, Next.js, Tailwind CSS, Framer Motion
 - **Backend:** Node.js, Express, PHP, MySQL
 - **Infrastructure:** Linux, VPS, Apache, NGINX, SSL, rsync
 - **Database:** Schema design, query optimization, MySQL, PostgreSQL
 - **Tools:** Git, GitHub, Husky, VS Code, Figma, Claude API
 - **Languages:** English (Fluent), Swahili (Native)
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WORK EXPERIENCE

Software Engineering Intern

Jul 2025 – Dec 2025

iPF Softwares

- Built "iPF Meals" – a full-stack internal meal planning system with MySQL + Telegram bot, replacing manual Excel sheets.
- Delivered a working internal hackathon project end-to-end within competition period.
- Collaborated with team to gather requirements and deploy to production servers.

Founder & Lead Software Engineer

Feb 2024 – Present

cPage

- Architected and launched cpage.co.tz, automating academic cover page generation for 15,000+ university students across Tanzania.
- Analysed user traffic data to pivot product focus post-launch, driving sustained engagement.
- Managed full deployment, domain config, and platform scalability.

Freelance Web Developer

2023 – Present

Independent

- Delivered numerous production websites with consistent design systems, with notable examples including branding sites for [BMP Pilla Kitchen Utensils](#) and [Mihale Afya Clinic](#).
 - Configured Apache virtual hosts, Let's Encrypt SSL, and rsync-based deployments on Ubuntu VPS.
 - Maintained 100% on-time delivery; all client sites live in production.
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PROJECTS

iPF Meals (React, PHP, MySQL, Telegram API) – 2025

Internal meal selection system replacing Excel sheets; real-time notifications.

cPage (React, TypeScript, Tailwind CSS)

<https://cpage.co.tz/>

Automated cover page generator for 15,000+ university students; pivoted based on user behaviour.

Trinity POS (React, PHP, MySQL)

Point-of-sale + inventory for poultry businesses; generates invoices & reports.

Swaber (React, AI/Speech-to-Text)

Swahili audio transcription tool for creators and professionals.

patrickpaul (Next.js, Framer Motion, TypeScript)

<https://patrickpaul.co.tz/>

Portfolio with dark editorial aesthetic, animations, and freelance showcase.

EDUCATION

Bachelor of Science in Computer Science

(Expected Dec 2026)

University of Dodoma (UDOM)

Relevant coursework: Data Structures, Database Systems, Web Development, Software Engineering