Jeremy Teddy Ndeda

Nairobi, Kenya | jeremyndedateddy@gmail.com | jeremyteddy.dev | linkedin.com/in/teddyjeremy | github.com/teddyjeremy

SUMMARY

Full stack developer with 5+ years of experience building and shipping production web applications. Builds React, Next.js and TypeScript frontends on Node.js, Django and C#/.NET backends, with PostgreSQL/Supabase data layers, deployments on Vercel, and interactive 3D web experiences in Three.js and React Three Fiber.

EXPERIENCE

Software Engineer Feb. 2025 – Sep. 2026

Mizizi Learning Hub

- Designed and built an Inventory Management System end to end to track and manage organisational stock and assets
- Designed and built a Learning Management System (LMS) to deliver learning content and administer learners
- Designed and built an Admission System that digitised student applications and enrolment workflows
- Owned all three systems in production, fixing defects and shipping enhancements for daily users

Mobile & Web Developer Jan. 2024 – Dec. 2024

ZegeTech

- Developed and maintained mobile applications for client projects at a Nairobi-based software consultancy
- Built web applications and integrated them with backend APIs for client products
- Delivered features in Agile sprints within a team, with code reviews and testing

Web Developer Sep. 2022 – Dec. 2023

Sino Soft Limited

- Designed and developed responsive business and e-commerce websites for clients
- Maintained live client websites, handling fixes, performance improvements and technical support
- Customised and extended site features and third-party integrations to meet client requirements

PROJECTS

Housio | *Next.js, TypeScript, Supabase/PostgreSQL, React Three Fiber* housio.jeremyteddy.dev

- Built an accommodation booking platform with 360° room tours, interactive floor plans, side-by-side compare, a preference-based matcher and a neighbourhood map built from OpenStreetMap data (309 places across 10 Nairobi listings)
- Implemented transaction-safe booking that prevents double bookings at the database level, secured with Postgres row-level security
- Built role-based owner and admin dashboards with a listing approval workflow; tested with Playwright end-to-end and Vitest tests and deployed on Vercel with CI from GitHub

Kidzies | *Next.js, TypeScript, Supabase, React Three Fiber* kidzies.jeremyteddy.dev

- Built a 3D kindergarten learning platform with student, parent, teacher, admin and admissions portals
- Enforced role-based access with Postgres RLS, built an admissions workflow with document uploads, and covered flows with Playwright tests

IWMS | *C#, .NET, GitHub Actions* github.com/teddyjeremy/IWMS

- Built a C# inventory and warehouse management application covering inventory control, warehouse operations, purchasing, fulfillment, reporting and auditability
- Structured it into Api, Application, Domain and Infrastructure layers with a dedicated test project and GitHub Actions CI on every push

AF1 Studio | *React, Three.js, React Three Fiber* af1.jeremyteddy.dev

- Built an interactive 3D sneaker configurator where users customise the colour, finish and details of an Air Force 1 in real time, rendered with Three.js and React Three Fiber and deployed as a live web app

WILDLANDS | *Three.js* wildlands.jeremyteddy.dev

- Built a 3D game that runs in the browser, rendered in real time with Three.js

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, C#, Python, SQL, C++, HTML/CSS
Frontend: React, Next.js, Tailwind CSS, Three.js, React Three Fiber, responsive design
Backend: Node.js, Django, ASP.NET Core, Entity Framework Core, REST APIs, gRPC, Zod
Data: PostgreSQL, Supabase, row-level security (RLS), relational database design, query optimisation
DevOps & Testing: Git, GitHub, GitHub Actions, Docker, Vercel, CI/CD, Playwright, Vitest

EDUCATION

Cooperative University of Kenya Nairobi, Kenya

Bachelor of Science in Computer Science