

Jonathan Awintiti Ndayele

Junior Full-Stack Engineer

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PROFESSIONAL SUMMARY

Full-Stack Engineer who builds and ships complete web products for real clients: responsive React, Next.js and TypeScript interfaces on the front, Node.js and Express APIs with PostgreSQL behind them. I work on both sides of the stack and own a project from data model and API contract through to UI, deployment and client handover. Equally at home crafting a clean, accessible interface and tuning an indexed SQL query, with a focus on products that are fast for users and maintainable for the teams behind them.

WORK EXPERIENCE

Freelance Full-Stack Engineer

Sep 2025

Remote

- Design and ship client web applications end-to-end: React and TypeScript frontends, Node.js/Express APIs and PostgreSQL databases, deployed to production.
- Build responsive, accessible interfaces with React, TypeScript and Tailwind CSS that work across desktop and mobile, from event registration flows and a blog and community feed to campaign management screens.
- Design RESTful APIs covering authentication, transactional workflows and third-party integrations, with clear contracts between frontend and backend.
- Model PostgreSQL schemas for relational integrity and query performance and improve response times by optimising queries and cutting unnecessary data load.
- Keep user-facing apps fast by moving background work (email processing, data aggregation, event tracking) into asynchronous jobs.
- Manage deployments on Render and Vercel with consistent environments and smooth CI/CD.
- Work directly with clients to turn business needs into usable interfaces and maintainable architectures.

PROJECTS

TracSend — Email Campaign & Tracking System — tracsend.com

Oct 2025 – Feb 2026

Node.js · Express · PostgreSQL · React (TypeScript)

- Built the full product end-to-end: React/TypeScript frontend, Node.js API and PostgreSQL database, supporting campaigns of up to approximately 500 emails per send.
- Designed APIs for the whole campaign lifecycle (creation, scheduling, delivery, reporting) and the interface that drives them.
- Implemented tracking for opens, clicks and engagement, using asynchronous, event-driven processing so high-volume event data never slows the user-facing app.
- Designed a PostgreSQL schema tuned for write-heavy tracking and analytics queries.

Birthright Mission Institute Platform — birthrightmissioninstitute.org

Sep 2025

Node.js · PostgreSQL · React (TypeScript) — Full-Stack

- Designed and built the full platform: a responsive frontend presenting the institution's programmes and identity, backed by a Node.js API and PostgreSQL database.
- Built the event registration flow, where visitors browse upcoming events and register directly on the site.
- Developed REST APIs for user roles, content management and administrative workflows, and handled deployment to production.

KingdompreneurWithVictor — Blog & Community Platform — kingdompreneurwithvictor.com March 2026

React.js (TypeScript) · Tailwind CSS · Node.js — Full-Stack

- Built a blog and community platform where entrepreneurs publish, read and discuss content, currently serving approximately 50 subscribed users.
- Created a frontend focused on readability and smooth navigation across posts and discussions.
- Architected the backend to support both a blogging engine and a community feed.

AI-Enhanced Fraud Detection System

June 2025

Python · Scikit-learn · Pandas · React.js — Team Project

- Built the React.js frontend that shows flagged transactions, explains why the model flagged each one, and presents fraud insights clearly.
- Contributed to the data flow between ingestion, model output and alerting, with email notifications on suspicious activity.

TECHNICAL SKILLS

- **Frontend:** React.js, TypeScript, JavaScript, Tailwind CSS, HTML5, CSS3, responsive design
- **Backend:** Node.js, Express.js, REST API design, authentication and authorisation, asynchronous processing
- **Databases:** PostgreSQL, MongoDB, data modelling, query optimisation
- **Languages:** JavaScript, TypeScript, Python, C++
- **Cloud & Tools:** AWS (foundational), Git, GitHub, Postman, Render, Vercel
- **Core Strengths:** Full-stack architecture, UI implementation, system design, performance optimisation, debugging

EDUCATION

University of Mines and Technology

Sep 2025

B.Sc. Computer Science and Engineering · Second Class Upper (Upper Second-Class Honours; equivalent to GPA ~3.5/4.0)

CERTIFICATIONS

AWS Certified Cloud Practitioner

Credential ID: 7ed92b4c0b8542268fb892e282bc9d64

ALX Software Engineering Program — Jul 2023

- Backend Engineering — APIs, Databases, System Design
- Agile Collaboration & Production Workflows