Kagiso Quinton Jiyane

Full Stack Developer | Final Year Software Engineering Student

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Summary

Final-year Software Engineering student specializing in full-stack development with expertise in React, Next.js and Node.js and C#. Experienced in building scalable, user-focused applications and real-time dashboards. Adept at translating business requirements into high-quality software, with proven success in freelance and academic projects. Seeking an entry-level or graduate program role to apply modern development practices in production.

Skills

Frontend: React, Next.js, TypeScript, HTML5, CSS3, Tailwind CSS, Framer Motion, shadcn/ui

Backend: Node.js, C#, ASP.NET Core, Python, Prisma ORM, SQL

Databases: MongoDB, PostgreSQL, Neon, Supabase

Tools: Git, Docker, Figma, Postman, GitHub Actions

Concepts: RESTful APIs, Authentication, MVC, Responsive Design, CI/CD, Agile/Scrum

Personal Projects

Spotify Clone – Personalized Music Streaming Platform

Tech Stack: Next.js, Tailwind CSS, Spotify API, Neon

- Rebuilt interface with modern UI overhaul, improving UX by 25-30%
- Created a "Daily Artist" algorithm to boost playlist diversity beyond default Spotify capabilities
- Improved album recommendation flow with custom logic based on user listening history and genre affinity

SwopMarket – Full Stack e-Commerce Website

Tech Stack: Next.js, Tailwind CSS, Neon, Prisma

- Developed a secure platform for peer-to-peer product listings and transactions, reducing buyer-seller communication by 40%
- Implemented authentication and role-based access with custom auth flow
- Optimized database queries and UI responsiveness, achieving sub-2s page loads

Work Experience

Freelance Full Stack Web Developer | Feb 2025 - Present

- Takalani Lubrication: Developed and deployed Takalani Lubrication Suppliers website, integrating a chatbot to handle 30+ daily inquiries and reduce manual work by 80%
- Karanka Multiverse: Built Karanka Multiverse which accepts fiat cash and KRKUNI cryptocurrency with MetaMask
- UniLink: Improved UniLink authentication UX, reducing related support tickets by 70%, and implemented automated Vercel preview deployments

Education

Eduvos, Pretoria | BSc Information Technology - Software Engineering

February 2023 – May 2026 (Expected)

GPA: 3.22/4.0

Key Modules: Programming in C#, Data Structures and Algorithms in C#, Mobile App Development, Database Systems, Web Development & e-Commerce

Achievements

- **Academic Excellence Award – June 2023**
  Awarded for outstanding academic performance during the first semester of my first year
- **Certificate of Excellence – June 2024**
  Recognized for exceptional academic achievement in the first semester of my second year

Languages

English (Native), Setswana (Native), Sepedi (Full Professional), Afrikaans (Limited Working)