

Kevin Mbiya

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SAMMARY

Information Technology graduate and Full-Stack Engineer with proven expertise in React, Python, and TypeScript, and a deep understanding of software development principles, algorithms, and data structures. Successfully led multiple high-impact e-commerce projects, delivering scalable, secure, and efficient solutions that consistently exceed performance benchmarks. Passionate about creating intuitive, data-driven products and advanced visualizations that empower large-scale client decision-making.

SKILLS

Python, JavaScript, Typescript, HTML/CSS, Django, SQL, Node.js, React.js, Next.js, C++, C, Rest APIs, React Context API, GraphQL, Git, Bootstrap, TailwindCSS, Responsive Design, Agile, Communication, Problem Solving, Critical Thinking, Teamwork, Collaboration, Self-Motivated, Time Management.

EXPERIENCE

RICHFIELD COLLEGE / Johannesburg

Software Developer Intern | Python, Django, WebSocket, REST API, React, Tailwind CSS

- Collaborated with a team of six to develop a service search engine with a real-time booking system.
- Took on both frontend and backend responsibilities, dynamically displaying services while prioritizing a modern UI for an optimal user experience.
- Implemented advanced filtering and search functions, allowing users to sort services by various criteria.

GlitchLabs

Software Developer & Full stack Engineer | React, Vue.js, JavaScript, Python

- Engineered high-performance, scalable web applications with React and Vue.js, delivering seamless and intuitive user experiences.
- Developed robust frontend architectures, ensuring maintainability, efficiency, and adherence to industry best practices.
- Optimized application performance, implemented cross-browser compatibility solutions, and enhanced UI/UX through data-driven design decisions.
- Built and integrated RESTful APIs using Python, improving backend communication and data flow efficiency.
- Collaborated closely with designers, backend engineers, and product managers to translate complex business requirements into clean, scalable code.
- Applied agile methodologies and DevOps principles to streamline development workflows, accelerate feature releases, and improve overall software reliability.
- Played a key role in architecting and optimizing frontend systems, leveraging advanced JavaScript patterns and modern frameworks for superior performance.

UrbanFurn E-commerce

Designed and developed | HTML, CSS, JavaScript, Shopify API Engine

- Designed a fully responsive and user-friendly e-commerce platform for selling furniture online in South Africa.
- Developed seamless product listing, categorization, and checkout functionality to enhance the customer shopping experience.
- Integrated the Shopify API for secure transactions, inventory management, and order tracking.
- Optimized website performance and UI/UX to ensure fast loading speeds and smooth navigation across all devices.

Freelance Developer.

- Developed and launched 5+ e-commerce websites as a freelance contractor, collaborating with diverse clients to deliver fully functional and optimized online stores.

PROJECTS

MARKETPLACE

Designed and developed | Python, Next.js, Django, TypeScript, REST API, GraphQL, JWT, SQL

- A marketplace platform enabling users to post, browse, and interact with product listings in real time.
- Implemented JSON Web Token (JWT) authentication with middleware to enhance security and prevent unauthorized access.
- Developed both REST API (Django REST Framework) and GraphQL (Graphene) backends for efficient data streaming and a smoother user experience.
- Leveraged Next.js server-side rendering, React Query, and Apollo Client for optimized caching and seamless navigation.

HORIZON

Designed and developed | Next.js, Sentry, Plaid API, Dwolla, Appwrite

- a comprehensive banking management system with features for user profile management, transaction tracking, and real-time banking data access.
- Integrated third-party APIs, including Sentry for error monitoring, Plaid for bank connectivity, and Dwolla for secure transaction processing.
- Implemented Appwrite for user data storage and session management to ensure secure authentication.
- Delivered an intuitive financial management experience, enhancing security, reliability, and real-time transaction insights.

ACTIVITIES AND LEADERSHIP

Richfield Graduate Institute of Technology

Mar 2023 – Nov 2023

Teaching Assistant

- *Leading office hours for 80+ students in the introduction to Computer Science*
- *Delivering instructions on topic involving OOP, C++, Database Management and Data Structure*

School Project

Jun 2023 – Nov 2023

Team leader

- *Led a team of SIX in developing a comprehensive barber management system as part of our final year project.*
- *Overseeing each phase—from ideation to execution. I ensured we built a robust app featuring real-time online booking.*
- *A project which was well-received by our peers.*