

**HARRISON ITOTIA**

**SOFTWARE DEVELOPER**

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## SUMMARY

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A software developer specializing in full-stack development with a strong foundation in JavaScript, TypeScript, Nextjs, and ReactJS. Proficient in building scalable server-side applications with Nodejs, Django, and C#/.NET. Experienced in technical writing, API integration, and CI/CD pipeline implementation.

## WORK EXPERIENCE

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**E&M TECHNOLOGY HOUSE** — *Software Developer*

*February 2025 – Present | Nairobi, Kenya*

- Manage the development of an administration portal for an internet banking website.
- Lead the implementation of frontend architecture using Next.js, TypeScript, and Tailwind CSS.
- Designed and enforced secure authentication and role-based access controls.
- Coordinate with cross-functional teams to align development with business goals and regulatory requirements.

**Technologies:** Next.js, Typescript, Tailwind CSS

**Freelance Web Developer**

*January 2025 – Present | Remote*

- Develop custom websites and applications for clients, including an e-commerce platform with mobile payment integration and a conference website.
- Collaborate with clients to define project requirements, ensuring user-centric designs and functionalities.
- Optimize websites for SEO, improving search engine rankings and user engagement.

**Technologies:** ReactJS, Next.js, Tailwind CSS, GoHighLevel, Framer Motion, Sanity IO

**Memory International Limited** — *Software Developer*  
*January 2024 - December 2024 | Nairobi, Kenya*

- Lead the development of a web-based HR management system, transitioning from desktop to web applications.
- Designed responsive front-end components using ReactJS and TypeScript.
- Built back-end infrastructure with C#/.NET, integrating with MySQL for secure data management.
- Integrated Oracle Human Capital Management for optimized HR workflows.
- Automated testing and deployment processes using CI/CD pipelines.

**Technologies:** React.js, TypeScript, .NET, MySQL

**Hyperskill** — *Technical Writer*  
*December 2023 - Present | Remote*

- Author technical blogs on diverse programming topics, aimed at empowering developers and learners.
- Refine and enhance content quality in collaboration with editors and reviewers.
- Utilize content management systems (CMS) to upload and manage technical content.
- Review and correct content written by other topic authors, ensuring it maintains the Hyperskill style, reaching and helping more learners on the platform.
- Notable articles include:
  - [How V8 engine works in Node.js](#)
  - [Websocket for instant web communication](#)
  - [What is OPENAI API?](#)

**Beyond My Tribe** — *Software Developer Intern*  
*April 2023 - December 2023 | Nakuru, Kenya*

- Integrated a payment system that improved member registration and collecting donations from well-wishers.
- Created user-friendly forms, enhancing the user activities on the website.
- Implemented Google Analytics 4 for digital strategy optimization.
- Built a content management system that enabled easy content upload on the website using Strapi.
- Integrated social media platforms to boost engagement on the organization's posts about their activities.

**Technologies:** JavaScript, jQuery, Bootstrap CSS, Strapi

**iTALANTA** — *Software Developer Intern*  
*August 2022 - April 2023 | Nairobi, Kenya*

- Integrated OAuth for user authentication on the Elewa project website.
- Developed landing pages and hero sections for a learning management system using Angular.js.
- Participated in code reviews and discussions on new feature implementations.

**Technologies:** Angular.js, Firebase

## SKILLS AND TECHNOLOGIES

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- **Front-End:** React.js, TypeScript, Nextjs
- **Back-End:** Ruby on Rails, .NET, Nodejs, Django
- **Cloud management:** Google Cloud Platform, AWS
- **Databases:** MySQL, SQLite, MongoDB, Postgres SQL
- **Others:** CI/CD, Firebase, Prisma ORM, Linux

## EDUCATION

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**Moringa School** — *Software Development*  
*January 2022 - August 2022*

**University of Nairobi** — *Bachelor of Science in Statistics*  
*September 2017 - September 2021*

## PROJECTS

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- [Cry out Conference](#)  
A website built for a conference with ReactJS, Typescript, and Framer Motion.
- [Harit hotel management](#)  
A hotel/Airbnb management web application with real-time available rooms and bookings updates. Built with ReactJS, TypeScript, and Stripe integration for payments.
- [Beyond My Tribe](#)  
A website for Beyond my tribe organization, built with JavaScript, Strapi API, and Bootstrap CSS.

- [Real Estate App](#)

A real estate website enabling property owners to list their properties for sale and tenants to view available houses to rent. It is built with ReactJS, Tailwind CSS, and Firebase.

- [Maroons FC](#)

A website showcasing the club's football activities and facilities, built with Typescript, Reactjs, Supabase, and PostgreSQL.

- [Portfolio](#)

A portfolio showcasing my experiences and the projects that I have built.