

HARRISON ITOTIA
SOFTWARE DEVELOPER

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SUMMARY

Harrison is a passionate and versatile software developer with three years of hands-on experience in both front-end and back-end development. Proficient in JavaScript, Typescript, and ReactJS for crafting dynamic and responsive user interfaces, coupled with robust backend expertise in Ruby on Rails and C#/.NET for building scalable and efficient server-side applications.

In addition to my development skills, I have a year of experience as a technical writer, where I have honed my ability to communicate complex technical concepts clearly and effectively. My dual experience in development and technical writing has enabled me to bridge the gap between technical teams and non-technical stakeholders, ensuring seamless project execution and delivery. I am excited when utilizing my skills to create solutions that impact the community.

WORK EXPERIENCE

Memory International Limited
Software Developer

January 2024 - Present
Nairobi, Kenya

- Spearhead the development of a web-based human resource management system as part of the organization's transition from desktop to web applications, enhancing operational efficiency and user experience.
- Implement multiple modules for the system, including Payroll, Time and Attendance, Leave, Medical, Imprest, Canteen, Performance, and Appraisal.
- Utilize ReactJS with TypeScript for front-end development, ensuring a responsive and interactive user interface.
- Develop the back-end infrastructure using C# and .NET Framework, integrating with a MySQL database to manage data transactions and storage securely and efficiently.

Hyperskill
Technical Writer

December 2023 - Present
Remote

- Collaborate with subject-matter experts, developers, and other team members to gather information and ensure the accuracy of technical content.
- Work closely with editors and reviewers to refine and improve content quality.
- Utilize content management systems (CMS) or publishing platforms to upload and

manage written content.

- Generate engaging and informative content that educates and informs readers about technical concepts.
- Conduct quality assurance checks to review and proofread written content for grammar, spelling, and style consistency.

Beyond My Tribe

Software Developer-Intern

April 2023 - December 2023

Nakuru, Kenya

- Integrated a payment system to the website to handle donations and members' registration to the organization, boosting revenue.
- Created user-friendly forms, enhancing member and event registration.
- Implemented Google Analytics 4 to optimize digital strategy and monitor user engagement on the website.
- Integrated a content management system created using Strapi to enable uploading of content to the website.
- Integrated social media platforms to enable users to share the organization's activities on their social profiles, promoting user engagement.

iTALANTA

Software Developer - Intern

Kenya

August 2022 - April 2023

Nairobi,

- Contributed to Elewa (an open-source project) among other projects by the organization.
- Integrated with Canvas a Learning Management System to synchronize course content, user data, and progress tracking between the learning website and the LMS.
- Integrated OAuth to allow users to log in using existing credentials from Google.

SKILLS AND TECHNOLOGIES

- **Languages:** JavaScript, Python, Ruby, Node.js, C#
- **Frameworks:** React.js, Typescript, React Native, Next.js, Ruby on Rails
- **Styling:** SCSS, Tailwind, and Bootstrap CSS
- **Database:** PostgreSQL, SQLite, MongoDB, MySQL
- **Operating systems:** Windows, Linux
- **Content management system:** Strapi
- **Others:** Firebase, Google Analytics 4, ERP integration

EDUCATION

Moringa School

January 2022 - August 2022

Software development

- Completed the Software development course: Git, GitHub, Linux, HTML, CSS, JavaScript, React, Ruby, Rails, SQLite, Soft skills

University of Nairobi

September 2017 - September 2021

Bachelor of Science in STATISTICS

- Undergraduate coursework: Probability and Statistics, Time series Analysis Computational methods, and data analysis using Python, R-programming language.

PROJECTS

- **Portfolio Site:** Personal website built with React.js, Three.js, and Tailwind CSS. (<https://harrison-itotia.netlify.app/>)
- **Beyond My Tribe:** A website for Beyond my tribe organization, built with JavaScript, Strapi API, and Bootstrap CSS. (<https://www.beyondmytribe.org/>)
- **Real Estate App:** A real estate website built with ReactJS, Tailwind CSS, and Firebase. (<https://real-estate-app-krma.vercel.app/>)
- **Riziki job application site:** A job application website built with React.js, and Ruby on Rails. (<https://imaginative-beignet-60f579.netlify.app/>)