

Sharon Mwangi

Software Developer

Sharon is a Full-Stack Developer with expertise in building dynamic, user-friendly, and high-performance applications. I enjoy writing clean code, creating responsive UIs, maintaining high performance, and using serverless technology to build scalable digital products. With a strong background in both frontend and backend development, Sharon enjoys problem-solving, designing modern web applications, and enhancing user experiences. They believe that well-designed web solutions have the power to revolutionize businesses, increase productivity, and redefine digital interactions.

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WORK EXPERIENCE

Full-stack Developer, Gessic.

06/2023 - 02/2025

Achievements/Tasks

- Built and maintained a logistics platform using **Next.js, TypeScript, and Firebase**, improving performance by **35%**.
- Implemented **authentication and role-based access control** with Firebase Authentication, enabling secure user management.
- Developed export-to-CSV and PDF reports, streamlining data analytics for logistics teams.
- Optimized database queries and structured data in Firestore for efficient retrieval, improving system responsiveness.
- Integrated server-side rendering (SSR) and static site generation (SSG) in Next.js to enhance performance and SEO optimization.
- Designed and developed REST APIs for **user authentication, trip management, and vehicle tracking**.

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EDUCATION

AkiraChix codeHive Diploma in Information Technology

02/2022 - 11/2022

Relevant Courses

- **Frontend Development**
Implementing DOM manipulation in JavaScript.
Rest APIs in Javascript
Building web applications using React.js as a frontend framework.
- **Mobile Development**
Architecture patterns. API testing with Postman.
Adding Firebase to projects and using it for authentication.
- **User Research(UX)**
Design Thinking.User Research and documentation.
Prototyping and Testing.
- **Backend Development**
Data modeling. Django as a Python framework.
Creating Rest API's. Php and Laravel as its framework.
- **User experience design**
Adobe Illustrator and Adobe Photoshop.
XD/Figma, Wire-framing and prototyping.

SKILLS

Solid understanding of object-oriented programming (OOP), including inheritance and modular design.

Proficient in HTML5, CSS, and Tailwind for building responsive and accessible web interfaces. Experience with DOM manipulation and React.js for dynamic UI development.

Proficient in Next.js for server-side rendering, static site generation, and API routes.

Strong ability to write clean, maintainable JavaScript and TypeScript code.

Basic understanding of relational databases (PostgreSQL) and experience working with NoSQL databases such as Firebase Firestore.

Familiar with Firebase Authentication, Firestore, Storage, and Cloud Functions for building scalable applications.

Ability to consume and integrate third-party APIs in JavaScript/TypeScript applications.

Excellent understanding of version control tools(Git).

Ability to analyze requirements, visualize qualitative research results, generate reports, and identify optimal software solutions.

PERSONAL PROJECTS

LaunchKit

- LaunchKit is a SaaS starter kit, designed to jumpstart your product development. This boilerplate comes with important features so that users don't have to write the boilerplate code, instead, they can focus on building the core features [🔗](https://bit.ly/4dEPDwc)
- github: <https://bit.ly/4dEPDwc>
- Live Link: <https://bit.ly/3FCcueW> [🔗](#)

Financial Inclusion

- A project with the aim of improving the credit worthiness of blue-collar workers in order to access credit from financial institutions. <https://bit.ly/41f3MfR> [🔗](#)

Portfolio

- A minimalist portfolio design to showcase my skills
- Live Link: <https://portfolio-p7hi.vercel.app/> [🔗](#)
- Github: <https://github.com/Wangariiisharon/Portfolio> [🔗](#)