

ERNEST THUKU MACHARIA

Senior Frontend Developer

Self-motivated Developer with experience in collaborating and working on multiple web-based projects. Passionate, hardworking coder with a penchant for developing intuitive user interfaces that factor in unique demands for accessibility, reachability, scalability, performance-oriented, and security. Organized approach to meeting multiple, concurrent deadlines. Pulls from active knowledge of the current technology landscape to promote best practices in web development.

Personal Details

Address: 343, Kajiado

City: Nairobi

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Personal Website: ernestmacharia.netlify.app

Skills

Frontend: JavaScript, HTML/CSS, React.js, Redux, TypeScript. Vue.js

Backend: Python (Django, Flask), PHP.

Mobile App: React Native.

Database: MongoDB, MySQL, PostgreSQL, Firebase.

Testing: Unit Testing, Integration Testing.

Integration: Continuous Integration, Delivery, and Deployment.

Libraries and Frameworks:

- **Frontend:** React, Redux, Bootstrap, Sass, Next.js.
- **Server:** Django, Django Rest Framework, Flask.
- **Bundling:** Webpack.
- **Testing:** Mocha, Jasmine.
- **Compiling:** Babel.
- **Linting:** ESLint.
- **Services:** AWS.
- **Integration:** CircleCI, TravisCI.

Version Control: Git, GitHub, Bitbucket.

Work Experience

Senior Frontend Developer

BPOSeats(*HQZen.com*)

February 2022 - Present

Nairobi, Philippines

- Developed and implemented frontend features using React.js and VueJs to enhance usability and performance for HQZen's platforms.
- Collaborated with backend developers to integrate RESTful APIs and optimize frontend performance.
- Translated UI/UX designs and wireframes into high-quality code, ensuring scalability and compatibility across devices.
- Utilized Agile/Scrum methodologies to deliver sprint goals and enhance team productivity.

Web Developer

Pixel Data Center

January 2021 - December 2022

Kajiado

- Designed and developed responsive web interfaces using React.js, HTML, and CSS, converting mockups into functional websites.
- Integrated AJAX and JSON for dynamic content delivery and improved user interaction.
- Collaborated with designers and backend engineers to optimize site performance and implement new features.

Software Developer Intern

Quatrix Global

June 2020 – December 2020

Nairobi

- Assisted in software engineering processes, focusing on best practices and product development.
- Developed SQL Server Reporting Services reports and contributed to backend development tasks.

Junior Software Developer Intern

Kajiado County Government

May 2019 – September 2019

Kajiado

- Supported design and development efforts for county projects, troubleshooting and enhancing functionality.

Education

Bachelor of Science in Computer Technology

Meru University of Science and Technology

September 2016 – December 2020

Meru

- Relevant coursework: Programming, Networking, Data Structures and Algorithms, Artificial Intelligence, etc.

Certificate in Computer Packages

Kajiado Institute of Technology

Projects

- **hqzen.com:** Developed using Django and Vue.js.
 - **Social Media Platform:** Python and Django.
 - **Chatbot App:** Virtual Assistant System using Python and Machine Learning.
 - **Hospital Management System:** Manages hospital operations.
 - **Stock Management System:** Manages stocks in a store.
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Soft Skills

- Languages: Fluent in English and Swahili.
- Public Speaking: Able to speak fluently and confidently in public.
- Communication: Skilled in relating well with team members.
- Sports: Passionate about playing soccer.
- Motivation: Ability to motivate people in public.