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Sandra Wagwa

Experienced Node Js & React Developer

📍 Nairobi, Kenya 📞 +254798323729 @ sapondiw2002@gmail.com

Profiles

 [Sandra Wagwa](#)
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Summary

A dedicated and adaptable software developer with hands-on experience in HTML, CSS, JavaScript, ReactJS, NodeJS, Python, JavaScript, Jupyter Notebook, PHP, MySQL Server, Redis, Docker, and Git. Proven ability to learn quickly, work effectively in teams, and tackle problems with a proactive attitude. Strong communication skills and eager to continue learning and growing in the field of software development.

Experience

The Jitu Ltd
Internship | Software Development Intern
[Link](#)

- ❖ Gained practical experience in web development technologies such as HTML, CSS, JavaScript, ReactJS, NodeJS, and ExpressJS.
- ❖ Worked with Microsoft SQL Server and Azure Cloud Platform, gaining exposure to database management and cloud infrastructure.
- ❖ Collaborated on team projects, where I contributed to front-end development using ReactJS and helped build back-end services with NodeJS and ExpressJS.
- ❖ Utilized Redux Toolkit for state management and Docker for containerization of applications.
- ❖ Enhanced teamwork and project management skills while improving communication and time management through various assignments.

May 2023 – July 2023
Kirinyaga

Kenya National Library Services
Internship | software Engineer Intern
[Link](#)

- ❖ Gained hands-on experience in developing and maintaining secure backend systems, focusing on Node.js for various support and development tasks.
- ❖ Developed troubleshooting and user support skills for ICT services.
- ❖ Assisted with API design and integration for efficient data exchange and communication between different systems.
- ❖ Gained expertise in helpdesk support, computer network support, and both hardware and software support.
- ❖ Supported data entry, programming, and technical support for the fibre backbone link to the county.
- ❖ Contributed to the installation and configuration of IP phones and participated in general ICT administrative tasks.
- ❖ Demonstrated strong teamwork, adaptability, and reliability, while also being able to work independently with minimal supervision.

May 2024 – Sep 2024
Nairobi

Education

Kirinyaga University
Software Engineering
[Link](#)
Studied at Kirinyaga University for a Bachelor of Science in Software Engineering

July 2021
Engineering

Skills

- Software Development**
 - ✓ Proficient in Python, C++, and Java for designing and implementing efficient software solutions. Experienced in software development methodologies such as Agile and Scrum. Skilled in debugging, testing, and optimizing code for high performance and scalability.

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- Backend Development (Node.js)**
 - ✓ Expertise in building secure and scalable server-side applications using Node.js, Express.js, and NestJS. Proficient in developing RESTful APIs and integrating third- party services to enhance application functionality. Strong knowledge of database management systems such as PostgreSQL, MySQL, and MongoDB, with experience in query optimization, schema design, and scaling.

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- Frontend Development**
 - ✓ Frontend Development Proficient in React, and TypeScript for developing responsive and user-friendly interfaces. Experience with state management tools like Redux, and Context API to ensure efficient data flow in large applications. Expertise in HTML, CSS, and JavaScript, with a focus on building accessible and cross-browser compatible web applications.

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- UI/UX Development**
 - ✓ Experienced in designing user interfaces and user experiences, focusing on creating intuitive, accessible, and visually appealing applications.

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- Soft Skills**
 - ✓ Strong communication, time management, and problem-solving abilities. Ability to work effectively both independently and within a team to meet project goals and deadlines.

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Interests

Coding

Languages English, Kiswahili