

IDUFASHE Jesus Sante



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Objective

Passionate and detail-oriented software engineer with strong expertise in full-stack development, cybersecurity, networking, IT support and software testing. Seeking a challenging role where I can leverage my technical skills to build innovative solutions and ensure the quality and security of software applications.

Skills

Programming Languages: C++,Java,Javascript,Typescript, Php,Python

Web Development: React.js,Vue.js,next.js html, Css, Tailwind and Boot-strap

Backed Technology: Node.js, Express.js, Larevel,Php, Python,MongoDB, Mysql

Database Management: MySQL, Postgres

Ethical Hacking & Cybersecurity:Penetration Testing, Vulnerabilityand Network Security

Software Testing:Manual Testing,Automated Testing,API Testing,security testing

Cloud Platforms:AWS And Microsoft Azure

Networking:LAN,VLAN,Configuration, network Setup & Troubleshooting,Network Security

Hardware Maintenance:computer, Assembly, Component Installation,Hardware Troubleshooting

Scripting Languages:Bash,Perl,Powershell | Linux System: Ubuntu, Kali, Debian,fedora

Automation & Development:Shellscript, Python, Powershell, REST APIs, WebSocket Servers

Microsoft defender endpoint | Soft Skills: Communication,Problem solving,Attention to Detail.

Experience

- **Gizco Technology Ltd** 04-2022 - 8-2023
Software Developer
Developed and maintained software applications using Python,PHP,JavaScript, and C++. Utilized version control systems such as Git to manage codebase and track changes. Researched and implemented new technologies and frameworks to improve software development processes and efficiency. Collaborated closely with UX/UI designers to implement intuitive and visually appealing user interfaces.
- **Solvit Africa** 6/2021 - 08/2021
Junior Software Developer
Contributed to the design and implementation of a data analytics dashboard, providing valuable insights to stakeholders.

Developed and maintained RESTful APIs, ensuring seamless integration with external services. ½
- **DOCTOR PC Ltd** 10/2018 - 7/2019
Hardware maintenance
Documented hardware configurations, maintenance procedures, and troubleshooting steps for reference and training purposes.

Installed and upgraded operating systems (Windows, Linux, macOS) and software applications.

Assembled, configured, and tested computer hardware components including motherboards, CPUs, RAM, hard drives, and graphics cards.

Provided technical support and guidance to end users, assisting with hardware setup, installations, and troubleshooting.

- **Saltel Rwanda** 12/2019 - 04/2020

Networking internship

Troubleshoot network issues for lab users, resolving connectivity issues and assisting with software installations.

Configured a home Wi-Fi network using a consumer-grade router.

Designed and implemented a small home network using Cisco Packet Tracer, including routers, switches, and end devices.

Configured IP addresses, subnet masks, default gateways, and DNS settings for network connectivity.

- **SANTISOFT LTD**

Full-stack Developer

Designed and developed responsive web applications using React.js for the front end and Node.js with Express.js or PHP with Laravel for the back end.

Implemented RESTful APIs to handle data exchange between front-end and back-end systems, improving performance and scalability.

Integrated third-party APIs such as payment gateways and social media platforms into web applications.

Projects

- **Stock Management System**

Developed a stock management system using JavaScript, PHP and MySQL to track inventory, sales, and product information.

Implemented user authentication, product categorization, and reporting functionalities for efficient stock management.

- **E-commerce Platform**

Led the development of an e-commerce platform using PHP with Laravel framework and MySQL database.

Designed and implemented front-end interfaces for product listings, shopping cart, and checkout process.

Integrated payment gateways and order management system for seamless online transactions.

- **Tourism Website**

Created a tourism website for a local travel agency using HTML, CSS, and JavaScript.

Designed interactive maps, itineraries, and booking forms to enhance user experience.

Integrated social media sharing and customer reviews for marketing and feedback.

- **Ethical Hacking Project**

Implemented security measures and provided recommendations to improve network and data security.

Collaborated with cybersecurity teams to address critical security issues and mitigate risks.

- **Networking Project**

Designed and implemented a small-scale network infrastructure for a business environment using Cisco routers and switches.

Conducted network troubleshooting and performance tuning to ensure reliable connectivity.

- **Linux Server Administration**

Managed Linux-based servers, including installation, configuration, and maintenance of services such as Apache, MySQL, and PHP (LAMP stack).

Implemented security measures, user management, and backup strategies to ensure server reliability and data integrity.

Automated server tasks using shell scripting and cron jobs to streamline operations and improve efficiency.

- **IoT Project: Automatic Alcohol Detection System**

Developed an Automatic Alcohol Detection System using IoT technology, Arduino, and sensors.

Designed a system to detect alcohol levels in real-time and send alerts for safety and compliance purposes.

Integrated data logging and analytics for monitoring and reporting alcohol detection events.

- **Software Testing Project:E-commerce Testing**

Developed and executed test cases for an e-commerce platform, focussing on functionality, usability, and security.

Utilized Selenium WebDriver for automated testing of checkout and payment processes.

Performed API testing using Postman to ensure proper integration of third-party payment gateways.

Key Achievement: Identified and resolved critical payment process bugs, enhancing the user experience.

Education

- **COG st Patrick**

Software development

Achievements & Awards

- Data Structure and Algorithms: Completed Data Structures and Algorithms certification from Stack Overflow, demonstrating proficiency in fundamental data structures, algorithms, and problem-solving techniques.
- Networking Certification: Obtained a networking certification from Saltel, showcasing expertise in network design, protocols, troubleshooting, and security.
- Computer Hardware Certification: Earned a hardware certification from doctorpc ltd, validating knowledge and skills in computer hardware components, assembly, maintenance, and troubleshooting.
- Ethical Hacking Certification: Completed an Ethical Hacking certification course on Udemy, covering topics such as penetration testing, vulnerability assessment, network security, and ethical hacking methodologies.

Reference

- **AYABAGABO Straton - Gizco Technology Ltd**

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- **AHORANYERERA Jean Marie Vienny - Gizco Technology**

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