



## OBJECTIVE

Highly skilled and motivated professional seeking a challenging role in the field of Computer programming , specializing in software engineering, cybersecurity, networking, cloud computing and IT support.

## CONTACT

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## LANGUAGES

Kinyarwanda Native Proficiency

English Native Proficiency

Hindi Elementary Proficiency

French Elementary Proficiency

Kiswahili Elementary Proficiency

## SKILLS

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



Frontend Development: React.js, Vue.js, html, Css, Tailwind and Bootstrap



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



Scripting Languages:Bash, Perl, Powershell



Linux System: Ubuntu, Kali, Debian



Database Management: MySQL, Postgres



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



Ethical Hacking & Cybersecurity: Penetration Testing, Vulnerability and Network Security



## HOBBIES

Programming and Software Development

Artificial Intelligence and Machine Learning

Cyber Security & Ethical Hacking

## REFERENCES

### AYABAGABO Straton

Gizco Technology Ltd | MD  
gizcotechnology@gmail.com  
+250 784 430 69

# IDUFASHE JESUS SANTE

## Software Engineer

## EXPERIENCE

04/2022-08/2023

Gizco Technology Ltd

### 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.

06/2021-08/2021

Solvit Africa

### 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.

### Computer Hardware Technician

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.

### 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.

### 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.

## EDUCATION

10/2014-10/2018

A2(Software Development)

### COG St Patrick

Grade : 3.5

05/2019-05/2022

Bachelor of Science in Computer Science

### Kigali Independent University

Grade : 3.5

## PROJECTS

02/2022-04/2022

### 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.

09/2023-10/2023

### 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.

12/2022-01/2023

### 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.

05/2023-06/2023

### 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.

05/2021-05/2021

### 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.

03/2023-03/2023

### IoT Project: Automatic Alcohol Detection System

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.

07/2023-08/2023

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

## CERTIFICATES

01/2024-02/2024

StackOverflow

### Data Structure and Algorithms

Completed Data Structures and Algorithms certification from Stack Overflow, demonstrating proficiency in fundamental data structures, algorithms, and problem-solving techniques.

12/2019-01/2020

Salotel

### Networking Cerification

Obtained a networking certification from Salotel, showcasing expertise in network design, protocols, troubleshooting, and security.

07/2019-08/2019

DoctorPc Ltd

### Computer Hardware Certification

Earned a hardware certification from doctorpc Ltd, validating knowledge and skills in computer hardware components, assembly, maintenance, and troubleshooting.

07/2023-08/2023

Udemy

### 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.