OGANGI EMMANUEL
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Date: June 8, 2025

Hiring Manager

Sparrow Systems
Entebbe, Uganda

Dear Hiring Manager,

I am writing to express my keen interest in the Web Developer position at Sparrow Systems, as advertised. With a strong foundation in both backend and frontend development—particularly in PHP, JavaScript, HTML, CSS, Bootstrap, and MySQL—I am confident in my ability to contribute effectively to your development team and uphold your commitment to building scalable, secure, and high-performance applications using vanilla technologies.

As a Bachelor's Degree candidate in Information Technology and Computing, I have cultivated a solid understanding of web development principles through both academic work and personal projects. I have hands-on experience building dynamic web applications, including a Medical Card Generation System and a Student Attendance Management System, both of which emphasize security, responsiveness, and clean, framework-free code. My attention to detail, problem-solving skills, and ability to work independently or within a team align well with your requirements.

I am particularly drawn to Sparrow Systems' emphasis on maintaining performance and security without relying on external frameworks. I thrive in such environments where foundational coding skills are valued and challenged. I am also prepared to relocate to Entebbe and commit to delivering high-quality work that supports your organizational goals.

Thank you for considering my application. I welcome the opportunity to further discuss how I can contribute to your team and would be happy to provide examples of my work upon request.

Sincerely,
Ogangi Emmanuel

OGANGI EMMANUEL

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Profile

I am hard working with integrity, team work spirit, result oriented, highly committed judgment, diligent and self-motivated, flexible in decision making, social and competent, determined and highly skilled personnel.

Professional Experience

01/2025 – present Kampala, Uganda	**Backend Team Lead** *Otic Foundation Company* Am responsible for overseeing the development, optimization, and maintenance of server-side systems that power web and mobile applications. My role includes architecting scalable solutions, guiding the backend team through technical challenges, and ensuring code quality through reviews and best practices. I collaborate with cross-functional teams, including frontend developers and product managers, to align backend functionality with project goals. Additionally, I mentor junior developers, manage timelines, and ensure that security, performance, and reliability are at the core of all backend implementations.
02/2024 – present Kampala, Uganda	**Software Developer** *Pearl Tech Solutions* ⧉ As a Software Developer at Pearl Tech Solutions, I design, develop, and maintain web and mobile applications tailored to client needs. I contribute to both frontend and backend development, ensuring responsive interfaces, secure data handling, and scalable architecture. I collaborate closely with designers, analysts, and project managers to deliver user-focused, high-performance solutions. My responsibilities also include debugging, testing, and deploying updates to enhance functionality and user experience.

Education

08/2023 – present Kampala, Uganda	**Bachelors Degree in Information technology and computing** *Kyambogo university* I am pursuing a Bachelor's degree in Information Technology and Computing at Kyambogo University, where I am gaining comprehensive knowledge in software development, database management, networking, and systems analysis. The program equips me with practical skills in programming, problem-solving, and technology integration, preparing me to design and implement effective IT solutions in real-world environments.
01/2016 – 11/2022 Uganda	**High School Secondary Education** *Aduku S.S & Kigumba Intensive* I completed my secondary education at Aduku Secondary School and Kigumba Intensive Secondary School, where I built a strong academic foundation and developed key skills in discipline, critical thinking, and collaboration that continue to support my growth in the tech field.

Skills

Backend Development ● ● ● ○ ○
Proficient in developing secure, scalable, and efficient server-side systems using languages like PHP, Python, or Node.js. I build APIs and manage data flows to support dynamic applications.

Frontend Development ● ● ● ● ○
Skilled in building responsive and accessible user interfaces using HTML, CSS, JavaScript, and modern frameworks like React or Vue. I create clean, intuitive designs focused on user experience.

UI/UX Design ● ● ● ● ○
Knowledgeable in creating user-centered designs using Figma and Adobe XD. I focus on layout, consistency, and usability to enhance visual appeal and user satisfaction.

Mobile App Development ● ● ● ○ ○
Skilled in building cross-platform mobile apps using Flutter, delivering smooth and responsive experiences across Android and iOS devices.

Communication & Team Collaboration ● ● ● ● ○
Effective in working with cross-functional teams and explaining complex concepts clearly, both in code and documentation, to support project success.

Database Design & Management ● ● ● ● ●
Experienced in designing and managing relational databases with MySQL and PostgreSQL, ensuring data integrity, optimization, and secure storage for web applications.

Version Control (Git/GitHub) ● ● ● ● ●
Proficient in using Git for code management and collaboration. I follow best practices for commits, branching, and pull requests to streamline teamwork and code quality.

Cybersecurity Awareness ● ● ● ● ●
Understanding of core cybersecurity principles, including data protection, threat mitigation, and secure coding practices gained from certifications and hands-on learning.

Languages

English
Proficient in English, with strong written and verbal communication skills. Able to clearly articulate ideas, document technical processes, and collaborate effectively in diverse, professional environments.

French
Basic knowledge; able to read and understand simple texts and engage in basic conversation.

Kiswahili
Conversational; able to communicate effectively in everyday and collaborative settings.

Certificates

Certificate in Data Analyst
I earned a Certificate in Data Analysis from Cisco Networking Academy, where I developed strong skills in data collection, cleaning, visualization, and interpretation using industry-standard tools and techniques. This certification enhanced my ability to transform raw data into actionable insights to support informed decision-making.

Certificate in Data Science
I completed a Certificate in Data Science, gaining expertise in statistical analysis, machine learning fundamentals, and data-driven problem solving. This program strengthened my skills in using data science tools and techniques to extract meaningful insights and support strategic decisions.

Certificate in Cybersecurity
I obtained a Certificate in Cybersecurity from Cisco Networking Academy, where I learned core principles of network security, threat detection, risk management, and best practices for protecting systems and data. The program equipped me with foundational knowledge to assess and respond to cybersecurity challenges in real-world environments.

Certificate in AI & Machine Learning
I completed a Certificate in AI & Machine Learning from Cisco Networking Academy, where I learned the fundamentals of artificial intelligence, supervised and unsupervised learning, and real-world applications of machine learning models. This program strengthened my ability to build intelligent systems that can analyze data and make informed predictions.

References

Mr. Nesta Paul Katende, *CEO,* Otic Foundation Company
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Mr. Mbogo, *Lecturer,* Kyambogo University
+256 773701721

Mr. Mukisa Peter, *Manager,* Pearl Tech Solutions
+256 759156056

Declaration

I hereby declare that the information provided above is true and correct to the best of my knowledge and belief.

Ogangi Emmanuel