

# OGANGI EMMANUEL

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📍 Kampala

♂ Male

🚩 Ugandan

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## Profile

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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

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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

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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

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### 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.

### 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.

### Communication & Team Collaboration ● ● ● ● ●

Effective in working with cross-functional teams and explaining complex concepts clearly, both in code and documentation, to support project success.

### 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.

### 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.

### Mobile App Development ● ● ● ● ●

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

### Database Design & Management ● ● ● ● ●

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

### Cybersecurity Awareness ● ● ● ● ●

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

## Languages

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### 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

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### 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 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 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 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

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**Mr. Nesta Paul Katende**, *CEO*, Otic Foundation Company  
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**Mr. Mbogo**, *Lecturer*, Kyambogo University  
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**Mr. Mukisa Peter**, *Manager*, Pearl Tech Solutions  
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## Declaration

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



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**Ogangi Emmanuel**