

VINCENT LYONDO

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PROFILE

I am a skilled and results-driven software engineer with a strong academic foundation and practical experience in computer science. I earned my Bachelor of Science in Computer Science from DMI St. Eugene University, graduated on June 6, 2025.

With expertise in both full-stack web development and mobile application development, I specialize in delivering comprehensive end-to-end solutions—from intuitive user interfaces to robust and efficient backend systems and database management. My experience includes designing scalable, user-friendly applications and tackling complex technical challenges with innovative solutions.

I am passionate about continuous learning and thrive in collaborative, fast-paced environments. I consistently seek opportunities to grow both technically and professionally. My ultimate goal is to contribute to impactful projects that drive positive change while further advancing my skills as a software developer and technology enthusiast.

EDUCATION

CHOMARCY PRIVATE SCHOOL | CHINGOLA, ZAMBIA Feb 2021 - Dec 2024

- **Grade Seven(7) School Certificate** - Obtained My Grade 7 school certificate

SACRED HEART CONVENT SCHOOL | CHINGOLA, ZAMBIA Jan 2015 - Nov 2016

- **Junior Secondary School Certificate** - Obtained My Junior Secondary school certificate

Nchanga Secondary School Of Academic Excellence | CHINGOLA, ZAMBIA Dec 2019

- **Senior Secondary School Certificate** - Obtained My Senior Secondary school certificate

DMI ST.EUGENE UNIVERSITY | LUSAKA, ZAMBIA Feb 2021 - Dec 2024

Bachelor of science in Computer Science

- Obtained my degree in bachelor of science in computer science with a distinction in the class of 2024
 - **Key modules:** Computer Science 1 and 2, Data Structures and Algorithms, Discrete Mathematics, Database Management Systems, Software Engineering, Computer Networks, Web Development, Artificial Intelligence (AI), Cybersecurity, Project Management and Teamwork.
 - **Mini project:** Vision Guard (mobile application for eye disease detection and prediction)
 - **Final year project :** Addiction therapy companion using ai (Mobile application that facilitates the rehabilitation process).
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ACHIEVEMENTS

- Team Leader – Digital Safe CTF Competition, 3rd Place, 2024
 - Web3 Hackathon (DMI St. Eugene University), 3rd Place, 2023
 - Second Best Graduating Student – BSc in Computer Science, 2025
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CERTIFICATES

- I4GxZuri Cohort 1 Scholarship (2022): Full Stack Developer
- Power Learn Project (2023): Full Stack & Mobile Developer

SKILLS

- Accomplished full-stack developer with expertise in Python and the Django framework.
 - Proficient in mobile application development using Flutter.
 - Advanced experience integrating microservices with front-end frameworks like React and Next.js.
 - Certified in full-stack development, with additional certifications in application and web development.
 - Skilled in application design, ensuring optimal performance and user experience.
 - Strong understanding of database design and management using MongoDB and SQL databases.
 - Experience deploying applications on cloud platforms such as Vercel.
 - Knowledgeable in blockchain development and Web3 integration.
 - Java expert with backend development experience using Spring Boot and MySQL.
 - Experienced in developing custom SQL access layers and raw query handling for fine-tuned database control.
 - Implemented chunked data storage and reconstruction logic for handling large files efficiently.
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TECHNICAL EXPERIENCE

- Designed and developed responsive websites and applications using React, Next.js, and Flutter.
 - Integrated RESTful APIs and WebSockets to enable real-time data communication.
 - Built and managed databases, ensuring seamless data storage and retrieval.
 - Deployed full-stack applications on cloud platforms and optimized server performance.
 - Developed and maintained Java-based web applications using Spring Boot.
 - Created and consumed REST APIs with custom SQL data access (avoiding JPA), improving performance and control.
 - Implemented chunked file storage and logic for reconstructing large data (e.g., videos) in backend services.
 - Applied clean architecture, using MVC principles and tools like Lombok to improve maintainability
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INDUSTRIAL EXPERIENCE

Notice Limited - Junior Developer (Intern)

July 2023 - Sept 2023

- Crafted responsive interfaces using React and Next.js.
- Built and integrated APIs while managing databases and authentication systems.
- Deployed applications and collaborated with cross-functional teams.
- Mastered advanced Next.js features for full-stack development.

Konkola Copper Mines PLC (2022) – Intern

June 2022 - August 2022

- Hardware and software troubleshooting.
- Worked with biometric systems.
- Installed operating systems on new computers.

Chrilan Technologies (2025) - Backend Developer

January 2025 - present

- Built RESTful APIs using Java and Spring Boot.
- Used raw SQL for database operations with custom data access layers.
- Handled CRUD logic for multiple entities.
- Implemented chunked file storage and reconstruction.
- Applied clean code practices with MVC structure and Lombok.

REFERENCES

Mr. Patrick Mwenya

- Lecturer – Dmi St.Eugene University
- Phone number: +260 96 6943306

Ms. Nancy Chintankwa

- Software Department Supervisor – Konkola Copper Mines PLC
- ✉ nancy.chintankwa@kcm.com
- Phone number: +260 97 3860403

Mr. Paul Chiundira

- Dean of Students – DMI St. Eugene University
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