



Takem Jim-Rawlings Eyongaroh

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ABOUT ME

Software developer dedicated to designing and delivering innovative applications. Actively seeking opportunities that blend AI and IoT to drive sustainable, future-focused solutions.

EDUCATION AND TRAINING

10/2021 – 12/2025 Buea, Cameroon

BACHELOR OF ENGINEERING IN SOFTWARE ENGINEERING University of Buea

Relevant Coursework: AI and ML, Data Structures and Algorithms, Web and Mobile Application Development, Data Warehouse and Data Mining, Security of Information Systems and Cyber Security, Software Engineering and Design.

Website <https://www.ubuea.cm/> | **Field of study** Software and applications development and analysis | **Final grade** 3.52 |

Level in EQF EQF level 6 |

Thesis Analysis, Design, and Implementation of a school management system for the Faculty of Engineering and Technology

10/2020 – 06/2021 Kumba, Cameroon

A-LEVELS Cameroon College of Arts and Sciences

Field of study Inter-disciplinary programmes and qualifications involving natural sciences, mathematics and statistics |

Final grade 23/25 points, ranking first in my batch of over 500 students

VOLUNTEERING

11/2021 – CURRENT Kumba, Cameroon

Math/Physics Tutor & Engineering Coordinator — ASEND Corporation, Kumba

- Tutored high school students in Mathematics and Physics, providing mentorship and academic support.
- Guided students during STEM career orientation programs.
- Served as Engineering Coordinator: organized prep-class programs, scheduled tutors, planned orientation sessions, and coordinated with schools to ensure smooth program delivery.
<https://asend-website.vercel.app/>

Link https://drive.google.com/file/d/1_H4IY2fvPKsG6ShOIgA2167Bg9AS5mQ/_view?usp=drive_link

28/10/2024 – 30/10/2024 Yaounde, Cameroon

Cameroon International Tech Summit (CITS) - Volunteer

- Served as a protocol volunteer assisting with event coordination and attendee support
- Participated in a seminar on AI for Sustainable Societies, exploring tech-driven recycling, plastic transformation, and broader environmental sustainability innovations.
- Attended IoT for Sustainable Development sessions covering smart cities, waste management, mobility systems, and water-resource monitoring.

Link https://drive.google.com/file/d/1_efFG_r-bNHQzjUhPitjlokZODazu1LD/view?usp=drivesdk

WORK EXPERIENCE

FULLSTACK DEVELOPER – STARUTH TECHNOLOGIES – 04/2023 – Current

- Built and maintained user-facing web interfaces, ensuring responsiveness, accessibility, and performance.
- Collaborated closely with backend developers to integrate APIs and streamline data flow.
- Contributed to UI/UX design improvements by providing user-centric feedback and implementing intuitive interface layouts.

- Developed mobile frontend features for the Reepls mobile app using React Native, ensuring a seamless cross-platform experience.
- Worked with backend and design teams to ensure consistency in data flow and UI presentation.
- Participated in agile development processes, including sprint planning and regular code reviews.

SOFTWARE ENGINEERING INTERN – INCHTECHS – 09/2024 – 12/2024 – YAOUNDÉ, CAMEROON

- Assisted in developing an internship management system to help InchTechs streamline the full internship cycle — from application and acceptance to tracking progress and completion.
- Built IoT dashboards to visualize real-time data for plant and animal monitoring systems, enhancing decision-making for smart agriculture use cases.
- Participated in debugging sessions and contributed to feature enhancements for existing web tools.

PROJECTS

09/2024 – CURRENT
Reepls

Contributed to the development of the **Reepls mobile application** using **React Native**, focusing on user interfaces for content discovery, reading, and engagement. Collaborated with backend and design teams to integrate APIs and deliver a smooth, mobile-first experience. Reepls is a cross-platform platform (web & mobile) that enables Africans to publish long-form articles, podcasts, and curated topic-based content. Write here the description...

02/2025 – 07/2025
School Management System for FET Buea (FET SPACE)

Led the development of a comprehensive school management system for the *Faculty of Engineering and Technology, University of Buea*, supporting features such as general announcements, student and staff records, course announcements, and material distribution.

09/2024 – 12/2024
Internship Management System for InchTechs

Built a full-stack web application for the company *InchTechs* to streamline the management of their interns. Utilized React and Material UI for the front end, Express.js for the backend server, and MySQL for the database.

02/2024 – 06/2024
Civil Engineering Cost Estimator

Developed a mobile application using React Native to help unskilled technicians in civil engineering generate accurate project cost estimates quickly and easily.

11/2024 – 11/2024
SMARTLOG

Developed an IoT-based system to monitor personnel and equipment during missions, tracking vital signs, environmental conditions, and equipment status in real time, while estimating fuel usage and optimizing routes, providing actionable data to improve safety, efficiency, and overall mission success.

CERTIFICATIONS

TME Education and InchTechs, 23/08/2024
IoT Bootcamp

- Built and configured IoT-based environmental monitoring systems using LoRaWAN for long-range, low-power data transmission.
- Developed Node-RED applications to collect, process, and visualize real-time environmental sensor data (temperature, pressure, wind direction).
- Gained practical insights into integrating AI and IoT for everyday use.
- Studied and evaluated applied IoT solutions, including an automated fish-tank monitoring and cleaning system, demonstrating end-to-end IoT workflows.

Mode of learning: Presential

Link https://drive.google.com/file/d/17cU5tvxgl24wW-UuRGzzoS0rXvVctBI7/view?usp=drive_link

● **SKILLS**

Technical Skills

HTML / CSS / SASS | Next Js | React / React Js | Node Js / Express Js | Mongo DB | Supabase | web programming | UI Design | MySQL | PostgresSQL

Soft Skills

Team work and team leadership | Quick and willing Learner | Project management | Effective Communicator | Strong problem solving mindset | Adaptable in team and independent settings

● **LANGUAGE SKILLS**

Mother tongue(s): **ENGLISH** | **FRENCH**

● **HOBBIES AND INTERESTS**

Football enthusiast

Having played since the age of 6. Participated in local leagues and continue to stay fit through the sport. As the assistant captain of my class team, I helped lead us to the finals of the Dean's Cup competition.