



# NGAMALEU KAKANOU CABREL

## Software Engineer

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📅 28.01.1993 🚩 Cameroonian 🌐 Cabrel Ngamaleu Kakanou

### Profile

Drawing on five years of professional experience and various internships, I hold a Master's degree in Software Engineering. This has enabled me to develop strong skills in this field, particularly through the use of current frameworks such as Angular and React for front-end development, as well as Spring Boot for back-end development. Additionally, my Bachelor's degree in Networks and Telecommunications has deepened my knowledge and skills in network infrastructure deployment, which I have applied in various corporate projects. For instance, I have designed and maintained local area networks (LAN) and wide area networks (WAN), managed DHCP and DNS servers, and implemented network security measures. Furthermore, I have gained significant project management experience, allowing me to effectively coordinate teams and successfully complete complex projects.

### Professional Experience

#### IT Manager

10.2018 - 08.2024

ROYAL GRILL EQUIPEMENTS 📄

Douala, CMR

#### Main Responsibilities as an IT Manager

- Participate in defining the strategy and objectives for IT development.
- Define the maintenance policy for the IT infrastructure.
- Implement evolution projects based on user needs.
- Integration of Sage for billing within sales administration,
- inventory management, and accounting.
- Ensure IT reporting to the management.
- Manage the IT department's budget: ensure control over budgets related to information systems' developments.
- Provide hierarchical supervision of all IT teams.
- Define all internal communication means necessary for the implementation of new IT projects.
- Establish a data archiving policy for the company.
- Oversee subcontracting: tendering, selection of service providers, contract management, and technical monitoring.
- Create dashboards for operational monitoring.
- And finally, ensure strict adherence to specifications.

#### Tasks as a Web and Mobile Applications Developer / Fullstack Developer

- Design, development, and maintenance of high-quality, scalable, and reliable web/mobile applications using React/React Native, ensuring compatibility across various devices and platforms.
- Design and development of high-performance and responsive mobile applications using Flutter.
- Management of the entire project lifecycle, leveraging my expertise in programming languages and web architecture.
- Optimization of applications for maximum speed, performance, and responsiveness, while maintaining code quality and organization.
- Identification, diagnosis, and resolution of performance bottlenecks, bugs, and other issues, ensuring the smooth operation of applications.
- Participation in code and design reviews, providing constructive feedback to peers, and continuously improving the quality of our mobile applications.

#### **Responsibilities as a Network and Systems Administrator**

- Supervise the information network infrastructure and ensure its functionality and security.
- Install, configure, and maintain servers and networks.
- Plan maintenance schedules.
- Define standards and norms for databases, tools, systems, or networks.

#### **Computer Engineer**

SENSE SARL

07.2018 – 10.2018

Yaoundé, CMR

- Implement appropriate web security methods and tools, and support their implementation among users.
- Audit the web, WiFi, and VoIP security systems, potentially with the assistance of service providers (penetration and intrusion tests).
- Conduct technical studies to enable the Chief Information Security Officer (CISO) to select the most appropriate technical devices for the company's needs (firewall, cryptography, authentication, etc.).
- Develop and execute database queries and perform analyses.
- Participate in the integration of BI systems with other IT teams.
- Designing the Electronic Devices Sales Website
- Design the company's website (sense.cm [↗](#) ).
- Supervise two IT interns with the aim of implementing a network architecture that will define access control to the file server on behalf of PERENCO.

#### **Intern in Network and Telecommunications**

CAMWATER - General Management [↗](#)

04.2017 – 08.2017

Douala, CMR

- Study and Implementation of a Supervision Tool within the IT Infrastructure of CAMWATER for the Purpose of Obtaining a Software Engineering Degree.
- Establish a supervision tool to better manage the network through alerts that will be notified via email or Telegram in the event of equipment failures.
- Establishment of the Network Infrastructure and Deployment of Various Security Protocols.
- Study of the Network and Implementation of GLPI to Inventory the Various Machines Connected within the CAMWATER.LOCAL Network.

#### **Web Developer / IT Network Specialist**

BLOOSAT

01.2017 – 03.2017

Yaoundé, CMR

- Integration of ISPADMIN on a Server for Company Management
- Design of the bloosat.cm [↗](#) Website (Teamwork)

- Implementation of a Payment Module in Collaboration with the Technical Management of Express Union

### Information Technology Intern

DIGITAL CLOUD SERVICE

- Training and Deployment of an E-commerce Website Using WordPress
- Training and Integration of a Mobile Platform (On Android).

07.2016 – 10.2016

Yaoundé, CMR

### Academic Internship

1st TRUST CAMEROON (Technical Management)

- Implementation of a Messaging System from the Banking Network to the Mobile Telephony Network
- Implementation of an Orass Computerization System within the Agency (Orass Accounting Suite)

08.2013 – 11.2013

Douala, CMR

## Education

### MASTER 2 - COMPUTER ENGINEERING

UPAC (Université Protestante d'Afrique Centrale) [🔗](#)

Engineer's Degree in Computer Engineering.

Specialty/Option: **Software Engineering**

10.2016 – 08.2017

Yaoundé, CMR

### MASTER 1 - COMPUTER ENGINEERING

UPAC (Université Protestante d'Afrique Centrale) [🔗](#)

1st year Master in Computer Engineering

10.2015 – 09.2016

Yaoundé, CMR

### Professional Degree in Electrical Engineering and Communication

UDM ( Université Des Montagnes) [🔗](#)

Professional Degree in Electrical Engineering and Communication Specialty

/Option: **Telecommunications and Networks/Computer Science and Networks**

10.2010 – 09.2015

Bangangté, CMR

### BACCALAUREATE

COLLEGE FX VOGT [🔗](#)

Obtaining Baccalaureate - Series D

09.2009 – 07.2010

Yaoundé, CMR

## Skills

Good knowledge of DNS, SSH, FTP, DHCP, http, NTP, SNMP...)	● ● ● ● ●	Very good knowledge of ISO or ITIL standards	● ● ● ● ●
Very good mastery in network administration, network security and system supervision	● ● ● ● ●	Very good command of programming languages (PHP, C, C++, Java, Python, Prolog (in progress), HTML5 and XML)	● ● ● ● ●
Very good mastery of the following open source frameworks: Angular, laravel, Ruby on rails, cake php and ASP.NET)	● ● ● ● ●	Very good mastery of integration and operation of SAGE SAARI, ORASS SUITE COMPTA and Vie, and Odoo	● ● ● ● ●
Good knowledge of database (MySQL, ORACLE)	● ● ● ● ●	Good command of the Linux system (Red hat, Fedora, Debian, Ubuntu)	● ● ● ● ●
Mastery of WORDPRESS, LARAVEL (in study phase), PRESTASHOP	● ● ● ● ●	good Mastery in project management (Current use of MS Project for practice).	● ● ● ● ●
Good knowledge of office software (Office), graphics (Photoshop), internet (Dreamweaver, FTP)	● ● ● ● ●	Use of social networks and management of a blog	● ● ● ● ●

## Languages

**English** — TOEFL, **French**

## Interests

- Soccer
- Tennis
- Volleyball
- Volunteering