# Ezechias KUMBU KUMBU

**Information Communication and Technology Engineer**

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🏠 Rue Ntombo, No. 55, Quartier Bianda, Commune de Mont-Ngafula, Kinshasa

📅 Date of birth 07/10/1994

📍 Democratic Republic of Congo

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Results-driven ICT Engineer with 6+ years of experience in cybersecurity, network engineering, and software development . Proven expertise in designing secure networks, implementing encryption protocols (IPSec, IKE), and conducting vulnerability assessments to safeguard organizational assets. Skilled in modernizing wireless networks, developing secure applications, and aligning technical solutions with business objectives to enhance efficiency and resilience.

## WORK EXPERIENCE

### Wireless Network Engineer
**Huawei Technologies Co., Ltd.**  Kinshasa, DRC

Since April 2023 **(2 years+)**

- Deployed 100+ wireless sites for Vodacom SA (DRC), ensuring 99.9% network availability
- Upgraded 20+ sites with 2G/3G/4G expansion, supporting infrastructure modernization
- Conducted vulnerability assessments, reducing security threats
- Implemented IPSec/IKEv2 encryption protocols for Vodafone compliance
- Implementing Ciphering on 2G and 3G technologies

### IT Support
**Congo Parking Service**  Kinshasa, DRC

From July 2021 to April 2023 **(1 year)**

- Led a team of developers in designing and deploying cross-platform applications using **React.js and REST APIs** .
- Developed and managed a Mobile Device Management (MDM) system using **Scalefusion** , improving device security and operational efficiency.
- Conducted functional testing and served as a liaison between developers, management, and employees to ensure project success.
- Designed a Google Forms-based system for agent tracking, reducing manual errors by **45%** .

### Freelance Software Engineer
**Freelance**  Kinshasa, DRC

From October 2018 to April 2023 **(4 years+)**

- Designed and developed small-scale web and mobile projects using modern frameworks.
- Managed RESTful APIs and third-party services.
- Provided IT support and troubleshooting, ensuring client satisfaction and successful project delivery.

## WORK EXPERIENCE

### Web & Mobile Application Developer
**Altius Technology**  Kinshasa, DRC

From March 2021 to June 2021 **(3 months)**

- Developed mobile applications for PPC Ciments using **Flutter, Angular, and Node.js** , enabling digitalization of the sales process.
- Implemented secure user authentication (MFA, OTP) and integrated Google Maps API for geolocation tracking.
- Collaborated in a three-person team to create applications for managers, delivery teams, and back-office staff, streamlining operations.

## EDUCATION

Bachelor's Degree in Management Information Systems: Information Systems Design

**Univesite du Cepromad** Kinshasa, KN, Democratic Republic of the Congo

From September 2019 to October 2024

Bachelor of Science in Mathematics & Computer Science

**Université de Kinshasa** Kinshasa, DRC

From September 2018 to October 2022

Advanced coursework: Algorithm Design, Network Security, Data Analysis

Preparatory & Foundational Studies in Computer & Electrical Engineering

**Université de Kinshasa** Kinshasa, DRC

From September 2013 to August 2016

Core subjects: Mathematics, Physics, Programming,Electricity

## TECHNICAL SKILLS

**Cybersecurity & Network Security**
- **Encryption Protocols:** IPSec, IKE, Cyphering
- **Security Standards:** Vodafone/Vodacom, ISO 27001
- **Practices:** Vulnerability Assessments, Access Control

**Networking & Systems Administration**
- **Protocols:** TCP/IP, DNS, DHCP, 2G/3G/4G Configuration
- **Operating Systems:** Linux (Ubuntu), Windows
- **Tools:** Scalefusion (MDM), MAE(U2020), Netcarecloud, esdp

## KEY ACHIEVEMENTS

**Led IT Projects:**
Managed cross-functional teams to develop and deploy **fleet management and agent mobile applications** , improving operational efficiency by **20%** .

**Conducted Vulnerability Assessments:**
Identified and mitigated **critical security risks** , strengthening organizational defenses and reducing potential threats by **40%** .

**Enhanced Network Security:**
Implemented encryption protocols for Vodacom's network, reducing vulnerabilities by **30%** and ensuring compliance with Vodafone security standards.

**Modernized Wireless Networks:**
Delivered and integrated **100+ wireless sites** and upgraded **20+ sites** for Vodacom SA (DRC), achieving **99.9% network availability** .

## LANGUAGES

**English**
Advanced

**Lingala**
Native

**French**
Native

## ASSETS

**Results-driven Person**

## REFERENCES

**Landrique PONYO MUSAMBA**
Cybersecurity Technical Lead, Vodacom Congo (DRC) S.A
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**Claver MUNZENZEKA**
Senior Software Engineer, Altius Technology
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## REFERENCES

**Roland-Edmon NTSIOMI**
Product Technology Engineer, Grade:14-16(ID:00709879), Huawei Technologies Co., Ltd.
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## COMPUTER SKILLS

**Software Development:**
- **Languages:** JavaScript, TypeScript, JavaScript, HTML, CSS
- **Frameworks:** Angular, Flutter
- **Database:** Firebase
- **Tools:** Git, Postman