

Frank Junior Hoza Longfor

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SUMMARY

Software Engineer with 2+ years of full-stack and AI development experience, bilingual in English and French. Skilled in Python, Java, TypeScript, OOP principles, and frameworks like Django Rest Framework and Angular, with hands-on experience building AI-enabled RAG chatbots and scalable ETL pipelines, seeking to contribute to modern AI software engineering processes.

SKILLS

- Languages:** Python, Java, Solidity, TypeScript, JavaScript
- Frameworks:** Django Rest Framework, Spring Boot, Angular, Vue
- Tools:** Git, PostgreSQL, Power Automate, Docker, Kubernetes, Terraform, Azure, OCI, MariaDB
- Certifications:** OCI developer Professional, OCI Generative AI professional, Google Cyber Security specialization
- Software Development Concepts:** Object-Oriented Programming, Computing Principles, Modern Software Development Tools
- Professional Skills:** Analytical Skills, Work Remotely

WORK EXPERIENCE

Mobile Telecommunication Networks (MTN) Cameroon **Nov 2024 - Nov 2025**

Software Engineer *Cameroon , DLA*

- Led the full-stack development and deployment of 3+ external customer portals (Spring Boot / Django Rest Framework and Angular) leveraging object-oriented programming principles; collectively handling 10,000+ monthly user transactions and reducing call center volume by 15%.
- Improved BI reporting efficiency by 35% by developing and optimizing Python ETL pipelines that reliably processed over 15 million records per month using PostgreSQL and applying analytical skills to streamline data workflows.
- Engineered an AI-enabled RAG chatbot using Django REST Framework, Angular, and Azure AI, leveraging modern software development tools to accelerate internal staff response time by 40% and increase inquiry accuracy to 95% for critical service processes.
- Automated 20+ critical internal operational tasks using Microsoft Power Automate, saving the team approximately 25 man-hours per week and ensuring 99.9% compliance on mandatory procedures
- Led IAC implementation using Terraform on Azure, provisioning 10+ cloud services (e.g., App Service, Key Vault), which reduced environment setup time from 2 days to under 4 hours for new projects.
- Documented APIs, workflows, and internal tools in accordance with computing principles to support maintainability and business continuity.

Florida A&M University **Feb 2026 - Present**

Graduate Research Assistant *Tallahassee*

PROJECTS

Airtime Management Portal | [Airtime Management Portal](#) **Sep 2025 - Nov 2025**

MTN Cameroon *Douala Cameroon*

- Designed and delivered a secure airtime distribution system with Role-Based Access Control (RBAC), supporting 150+ corporate administrators and managing 50,000+ daily airtime transactions with real-time tracking.
- Engineered Spring Boot microservices and PostgreSQL schemas following Object-Oriented Programming principles and Git-based CI/CD workflows
- Designed and deployed Dockerized services with Kubernetes orchestration to ensure scalable, maintainable distribution workflows

AI-Powered Chatbot | [Chatbot](#) **Jun 2025 - Jul 2025**

MTN Cameroon *Douala Cameroon*

- Built an AI chatbot using Retrieval-Augmented Generation (RAG) with modular Python classes, applying OOP concepts for maintainable code
- Developed Django REST APIs integrating Azure Search, Azure AI, and Azure Index, and implemented unit tests to validate real-time document retrieval
- Deployed the application on Azure App Service with Azure Front Door and API Gateway for secure, scalable access

EDUCATION

Florida Agricultural and Mechanical University (FAMU) **2026 - Present**

M.S, Computer Science (Software Engineering track) *Tallahassee, FL*

- GPA:** 4.0

Jacky Felly Nanfack - Higher University Institute **Sep 2021 - Oct 2024**

Bachelor's degree, Software Engineering *Cameroon, DLA*

- GPA:** 3.68 / 4.0