






Ricken BAZOLO

Technical Referent



Personal details

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Skills

Java	● ● ● ● ●
Python	● ● ● ● ●
Spring Framework & Spring Boot	● ● ● ● ●
MicroProfile (Jakarta EE)	● ● ● ● ●
Domaine IA Générative	● ● ● ● ●
Spring AI	● ● ● ● ●
Azure AI Services	● ● ● ● ●
LangChain	● ● ● ● ●
Architecture	● ● ● ● ●
Vue.js / Nuxt	● ● ● ● ●
DevOps	● ● ● ● ●

Profile

Senior Java technologist, full stack developer, blogger, trainer and speaker, with over 10 years' experience in the design and development of IT solutions. Passionate about open source, knowledge sharing and continuous learning. Mentor and tech leader, committed to evolving the technology community through support and knowledge transfer.

Employment

Technical referent

Apr 2023 - Present

SCIAM, France - Paris

Expertise in solution design, technical support and guaranteeing best practice to ensure the consistency of technological choices.

Assignments carried out on projects covering : Generative AI, LLM, intelligent chatbots, RAG (Retrieval Augmented Generation) architectural approach, Architecture and Software Development in the banking sector.

Tools and environments : Java, Spring Framework, Spring Boot, Python, LangChain, Azure AI Services, Git, Github, Jira, Jenkins, Prometheus, Grafana

Technical Lead

May 2021 - Apr 2023

INETUM, France - Paris

Technological referent for development architectures and tools, ensuring that solutions work properly in production and comply with non-functional requirements. Sharing expertise and leadership within the team.

Main activities:

- Validate technical choices, ensuring that best practice is followed.
- Provide technical support to the team for any technological questions or issues.
- Guarantee the smooth running and availability of tools.
- Design the technical testing strategy (performance, security, interoperability, operability, maintainability) and implement the necessary resources.
- Produce, analyse and steer corrective actions based on activity indicators.
- Manage relations with the partners involved.
- Maintain a high level of technical expertise over the long term.

Tools and environments : Amazon Web Service (AWS), Java, Spring Framework, Struts, PrimeFaces, Java EE, Jboss, Apache Tomcat, Git, Bitbucket, Jira, Jenkins

Technical referent

Jan 2020 - Apr 2021

WAPICASH, France - Paris

WapiCash is a Congolese start-up based in Paris, Brazzaville and Kinshasa, specialising in the development of technological solutions to promote the digital and economic inclusion of people, mainly from Africa.

Chief Technical Officer (CTO)


Jun 2018 - Oct 2020


WAPICASH, Congo - Brazzaville

WapiCash is a Congolese start-up based in Paris, Brazzaville and Kinshasa, specialising in the development of technological solutions to promote the digital and economic inclusion of people, mainly from Africa.

- Elaboration of the roadmap, follow-up of projects;
- Ensures the design and management of the evolution of web and mobile platforms and interfaces with the back office;

Languages

Français 

Anglais 

Hobbies

■ Artificial Intelligence (AI)

■ Programming

■ Software development

■ Open-source contributions

■ Cloud computing

■ Video games

- Leads watch actions on technological and sectoral innovations;
- Management of the technical team (developers, project managers, architects, infrastructure division ...);
- Directs the technical activity;
- Manages the associated teams.
- Piloting and / or coordination of the technical service providers (management, fixed price ...);
- Responsibility for technical budgets;
- Project management taking into account cost, time and quality constraints;
- Reporting of its actions.

Developer and Technical Project Manager

Jun 2016 - Oct 2020

FONGWAMA, Congo - Brazzaville

FONGWAMA, Congolese open source development platform

Achievement :

- Organisation of a hackathon to develop an IT solution for managing a food exchange in the Congo.
- Hackathon organised in partnership with the National Malaria Control Programme and Fongwama, under the theme 'Innovation in health services in the Congo'.
- Development of EduPalu, a malaria education application to raise awareness among the population.
- Creation of DensiPara, a technical support solution for laboratory technicians.
- Technical management of projects and carrying out an ongoing technology watch.

Tools and environments: Linux, SQLite, Flutter SDK, Dart, Cordova, Android, Java/Kotlin, Git, Github

Trainer, Technical Training Manager and Lead

May 2016 - Oct 2018

Developer

YEKOLAB, Congo - Brazzaville

Main activities:

- In charge of technical and pedagogical training in software development (Java, Android, PHP, IoT).
- Management of a team of more than eight (8) trainers spread over two sites.
- Designing and updating training catalogues.
- Training trainers and developers.
- Managing the technical team comprising developers, project managers, architects and infrastructure staff.
- Technical referent for laboratory projects.

Laboratory project:

- ZOLA: Artificial intelligence allowing you to control all your household appliances from a smartphone.
- Implementation and coordination of the YEKOLAB4KIDS project: Robotics and home automation training programme for children aged 9 to 17.
- Subscriber mapping and alert management platform for mobile operator service malfunctions, controlled by ARPCE (Agence de Régulation des Poste et Communication Électronique).

Tools and environments : Linux, Windows, MySQL, MongoDB, SQLite, PostGreSQL, Java EE, Spring Framework, Spring Boot, Hibernate, JSF, JSP, EJB, JTA, Micronaute, Vraptor4 (Java EE Framework), Maven, Java SE/ME, C/C++, PHP, Apache Tomcat, Glassfish, PayaraFish, Jboss AS (Wildfly), Arduino, Studuino, Raspberry PI, Android of things, Github, Git

Senior Developer Web & Mobile

Jan 2015 - Oct 2017

NET - TECHNOLOGY, Congo - Brazzaville

Expertise in the design and development of robust web and mobile applications, API integration and software architecture. Solid skills in Java EE and Android technologies.

Main activities:

- Define and design technical specifications describing solutions based on defined requirements.
- Support the design, development, and implementation of software, communication systems (web portal, mobile application) and database management.
- Carry out tests to detect bugs and non-conformities.
- Maintain and develop the products developed.
- Write technical documentation and software user manuals.
- Provide training for administrators and users.
- Produce multimedia presentations (PowerPoint, PDF) of the products developed, if necessary.
- Integrate new applications into existing systems.
- Guarantee the consistency of products with the urbanisation of customers' information systems.
- Possess solid project management and demonstration experience to anticipate and analyse user requirements.

Tools and environments: Linux, Oracle 11g and 12c, Java 6/7/8, Java EE, Spring MVC, Spring Boot, Vraprot 4 (Java EE Framework), JSP, JSF, JTA, EclipseLink, GlassFish, MySQL, Android

Founder and Chief Executive Officer (CEO)

Apr 2022 - Present

GAD DIGITAL, Congo - Brazzaville

Start-up specialising in the creation of digital solutions and the integration of Artificial Intelligence into business applications, offering services and products to help companies succeed in their digital transformation and achieve their objectives.

- Designing the startup's vision and mission.
- Defining and executing the overall strategy.
- Overseeing operations and managing teams to achieve set objectives.

Some of our achievements:

- Digi Resto: Platform powered by generative AI to optimise restaurant efficiency and improve customer satisfaction.
- EMI AI: Personalised and interactive assistance platform, powered by generative AI, to help pupils and students with their homework, exam preparation and course comprehension.

Technologies: Java, Spring Boot, Spring Modulith, Spring AI, Spring Data, Spring Security, JWT, LLM provider (Mistral AI, Azure OpenAI, Huggingface), Postgresql, Weaviate

Achievements

- Training talent in software development and embedded systems.
- Spring AI: Contribution to the Spring AI project, a framework for Artificial Intelligence engineering.
- Autour Du Code: Personal blog with technical articles on Java technologies.
- SCIAM blog: Contribution of articles to the SCIAM blog.
- Organisation of hackathons and mentoring.

- Contribution to the [EduPalu](#) project (open source)
- Contribution to the [DensiPara](#) project (open source)
- [Digi Resto](#): Platform powered by generative AI to optimise restaurant efficiency and improve customer satisfaction.
- [EMI AI](#) : Personalised and interactive assistance platform, boosted by generative AI, to help pupils and students with their homework, exam preparation and course comprehension.
- [Gad Digital](#): Start-up specialising in the creation of digital solutions and the integration of Artificial Intelligence into business applications, offering services and products to help businesses succeed in their digital transformation and achieve their objectives.

Education

Degree in Networks and Telecommunications

Aug 2015

ISTP, Congo - Brazzaville

Skills in network administration, telecommunications, security and IT systems maintenance.

Industrial and Network IT

Jun 2014

ISPT, Congo - Kinshasa

Electronic systems design, IoT and industrial programming.

Technical bachelor | Electronics option

Jul 2011

LTIM, Congo - Brazzaville

Training in electronic systems, circuits, electricity and communication technologies.

Certificates

Programmable and Digital Electronics

Dec 2012

Specialised training in the design and programming of digital electronic circuits, with skills in embedded systems and microcontrollers.

CLOE | English

Sep 2023

A2+ level result

Functional skills

Agile method (scrum), Rigour, Functional and technical analysis of requirements, Design patterns, Excellent interpersonal skills, Excellent adaptability, Team management, Implementing procedures, Organisation and methods, Creativity, Critical thinking, Team spirit, Analytical skills, Highly responsive, Teaching skills