

PROFILE

A passionate, persevering and innovation-oriented engineer, I am constantly looking for effective solutions to address complex challenges. Curious by nature, I strive to acquire new skills and broaden my technical horizons. With expertise in designing robust solutions and managing complex projects, I am able to work effectively in a team and deliver high-quality products. Currently looking for new opportunities, I am ready to take on new challenges and contribute to stimulating projects.

EDUCATION

Computer Science Engineering Diploma	2020 - 2023
Polytechnic Higher School of Dakar (ESP)	
Technical University Diploma in Computer Science	2018 - 2020
Polytechnic Higher School of Dakar (ESP)	
Scientific Baccalaureate – Experimental Sciences Track	2017 - 2018
Richard Toll High School	

CERTIFICATIONS AND DISTINCTIONS

- Winner of the **SETER (Regional Express Train Operating Company)** hackathon
- **Udemy** Certificate of Achievement in **Spring** Boot and **Angular**
- **ShARE** Leadership Excellence Program, LU member, Senegal
- **CISCO** Certification in **DevOps**

PROFESSIONAL EXPERIENCES

Fullstack Developer at Finetech Group	Feb. 2023 - Now
Reference (Pape Issa Diallo   pih@finetechgroupe.com   +33 6 84 42 38 11)	
<ul style="list-style-type: none"><li>○ Consultancy mission at <b>CBAO</b>: In charge of developing the backend application and the backoffice application (frontend and backend with <b>Spring Boot</b> and <b>Angular</b>) for <b>CBAO</b> branches, aiming to optimize their banking services</li><li>○ Development of an API compliant with <b>ISO 20022</b> for the integration of payment solutions with the <b>BCEAO</b> Interoperable Platform (<b>PI</b>) with Spring Boot. This project allows fintechs and banking institutions to align their payment solutions with the standards required by the <b>BCEAO</b>, thus facilitating interoperability and regulatory compliance</li><li>○ Development of an application for the <b>BSIC</b>, to simplify the completion of the Prudential Declaration Form (<b>FODEP</b>) for <b>UEMOA</b> credit institutions with <b>Spring Boot</b></li></ul>	
Fullstack Developer at Geni's Senegal (Subsidiary of Nicomatic Senegal)	Feb. 2024 - Aug. 2024
Reference (Mame Diarra Bousso Gueye   mdb.gueye@nicomatic.fr   +33 7 51 44 86 94)	
<ul style="list-style-type: none"><li>○ Development of a project management application for <b>Nicomatic</b> subsidiaries with <b>Spring Boot</b> and <b>Angular</b>. The application allows users to create projects, invite collaborators, track project workflow and company activities</li></ul>	
Technical Consultant at Erco Web Solutions (EWS)	March 2023 - Jan. 2024
Reference (Patrice Diouf   patrice.diouf@ercoweb solutions.com   +1 (581) 980 9150)	
<ul style="list-style-type: none"><li>○ Responsible for the backend development of a <b>medical platform</b> in <b>Spring Boot</b>. This solution allows patients to make appointments online, doctors to manage their availability, and hospital managers to efficiently supervise appointments, patients and doctors via a dashboard</li></ul>	

- Service provider for a technical consultancy mission in the company **Team X Group** responsible for ensuring the functions and responsibilities of Web Developer in **Nest js** and **Angular**

FREELANCE

Tech Lead Backend at EATH

Nov. 2024 - Apr. 2025

Reference (Cheikhouna Thioune | +221 77 842 49 05)

- Supervision and development of the Eath application backend with **Spring Boot**. The application, focused on food analysis via artificial intelligence, detects food contaminants, evaluates nutritional values, identifies allergens and checks the halal compliance of products
- Work in coordination with data science and mobile development teams to integrate artificial intelligence modules into the backend platform, while ensuring compliance with quality and security standards

Freelance Mission: Development of an E-commerce Analysis Platform

Dec. 2022 - March 2023

Reference (Abou Bakr Bodian | +33 6 66 14 69 96)

- Design and development of a complete **e-commerce** analytics application, designed to identify top-performing products, analyze **Shopify** store revenues, and provide strategic insights to optimize dropshipping activities. Full project execution, including **design**, frontend and backend development, and production launch

Freelance Python Developer: Cryptocurrency Data Extraction and Analysis

June 2022 - Sept. 2022

Reference (Ahmath Mbacké - Enseignant-Chercheur à l'Ecole Supérieure Polytechnique de Dakar | ahmathbamba.mbacke@esp.sn)

- Development of an automated system in **Python** for mining massive data about **cryptocurrencies** from **Twitter**. The project includes collecting tweets via the **Twitter API**, storing them in a database and analyzing emerging trends.

Freelance Fullstack Developer: Management of the Annual Ladoum Competition

Aug. 2021 - Nov. 2021

Reference (Ibrahima Ngom - Enseignant-Chercheur à l'Ecole Supérieure Polytechnique de Dakar | ibrahima.ngom@esp.sn)

- Development of an application for the management of the annual Ladoum competition (Salon du Ladoum) with **Spring Boot** for the backend and **Angular** for the frontend, facilitating the registration of participants, the management of results and the communication with the organizers

Freelance Fullstack Developer: Registration Management Platform

June 2020 - Oct 2020

Reference (Samba Diaw | samba.diaw@esp.sn)

- Development of an enrollment management platform for the **Polytechnic Higher School of Dakar (ESP)** with **JEE**, enabling smooth management of student applications and enrollments, and facilitating the administration of the various programs

CORE QUALIFICATIONS

• Programming languages:	Java, JavaScript, Langage C
• Frameworks:	Spring Boot, JavaEE, Nest Js, Angular, JUnit, Mockito, Tailwind css, Bootstrap
• Development tools and platforms:	Docker, Git, Jenkins, Elasticsearch, PostgreSQL, IntelliJ IDEA, Webstorm
• Project management:	Notion, Trello, Jira
• Interpersonal skills:	Problem solving, Communication, Adaptability, Time management