KHALIFA MAMADOU NIAMADIO
SOFTWARE ENGINEER

+221-77-139-16-61
khalifaniamadio@gmail.com   khalifamamadouniamadio.com

ABOUT ME

I hold a Master's degree in Software Engineering and Information Systems from the Ecole Supérieure Polytechnique (ESP), I have provided value on many projects during the last 5 years, and gained a lot of experience either in a development team or as a freelancer.

Recognition

Huawei ICT Competition 2021 – Awardee

Core Skills

Systems engineering	Adaptability
Flutter expertise	Strong interpersonal skills
Backend development	Multilingual
Angular development	Effective communication

EXPERIENCE

Software Engineer, École Supérieure Polytechnique, UCAD

January 2023 – Present

Developed strong organizational skills as well as hard skills working for the Computer Science Dept. of École Supérieure Polytechnique. Main tasks were building informations systems that helped gradually dematerialize activities in important areas such as pedagogy, finances, examination, budget. Through the use of microservice architecture we successfully achieved that goals and expending the potentiality of use case we could cover. My mains contribution were delivering two mobile apps around these solutions we were building which are PGI Enseignant and PGI Etudiant. It helped cut processes in place in many instances such as the daily attendance check by college Professors during classes, reducing possibility of fraud, eliminating more than 4 layers in the activity chain, improving students attendance, and drastically reducing use of paper so a big cut in that part of the budget.

Assistant Teacher, Université Numérique Cheikh Hamidou Kane, UN-CHK

June 2024 – Present

Developed great management skills giving courses at UN-CHK. This experience helped me developing a very active and effective communication while handling schedules with different class leaders. Aside from courses I give, my tasks consisted of delegating tasks, synchronizing group activities, monitoring workshops.

Data Analyst, Sonatel

January 2022 – November 2022

Worked Implementing data apps allowing the end user to have a real follow-up of the wholesale financial activity of the company. Identifying trends based on the company's financial performance and automating data handling process. Identifying patterns that fraudsters use, and develop new tools and strategies to minimize their impact and prevent revenue losses.

Teaching Dev, ADEC Education

April 2017 – April 2018

As a teaching dev, I was tasked to develop program with the goal of accompanying young children (between the age to 8 and 12) in the development of reasoning, innovation, problem solving, and collaborative work remotely using programming and digital technology. My mission consisted of organizing of hands-on activities, supervising of early-learning workshops, assessing of learning.

MEMBERSHIPS & CERTIFICATIONS

Project Coordinator

ADEC Education – Senegal
April 2024 – Present

HCIA Cloud Computing

Huawei
October 2021 – Present

EDUCATION

Bachelor Degree in Software Eng.

École Supérieure Polytechnique
2020

Master Degree in Software Eng.

École Supérieure Polytechnique
2022

REFERENCES

Available on request