

Mamadi KABA

Email : madkabase@gmail.com

LinkedIn: <https://www.linkedin.com/in/mamadi-kaba-a281ba170>

Phone/ WhatsApp: + 46 764372830;

Date of Birth: 10/12/1990

Summary

Software developer with a strong background in electromechanical engineering and a passion for new technologies. Skilled in Windows/.Net development and proficient in C# Full stack and Machine Learning. Committed to innovation, teamwork, and achieving common goals. Seeking a challenging role as a Software Developer to contribute to the development of cutting-edge products and features.

Professional experiences

Since November 2022

IT Assistant at World Maritime University

- Salesforce admin for Marketing, Business analyzes
- CRM and ERP on Salesforce platform
- Automation with low code software
- Implemented innovative solutions to the improvement of existing systems.

July 2015- July 2021

Head of Marine Technology and Informatic Services

- Build Senegal Navy website with html, css, javascript and php
- Developed Personal Management applications using Windows/.Net framework
- Ensured software quality through thorough testing and debugging
- Maintenance and repair of electrical installations and machines

February - July 2018

Chief Machine Officer application / France

- Diagnosis of diesel engines and generators
- testing of prototypes
- Director of personnel and equipment security

• Certifications

- Data science (Microsoft), Data analyses (IBM), Référent Energie, AI

Formation

October 2023

.NET/ C# full stack developer at Lexicon (Malmö)

- Build Money Tracking app in C#
- Portfolio and CV website using HTLM, CSS, REACT, JS, GIT, GITHUB, JQUERY
- Develop many mini projects with C#, .Net core, .Net MVC, Web API, EF
- Azure cloud, Scrum and Agile training

September 2021-November 2022

Master of Science in Maritime Energy Management -MEM at WMU

Energy for Sustainable Maritime Industry, Energy-Efficient Ship Design and Operation, Alternative Fuels and Marine Renewable Energy, Energy Management in Maritime Onshore Facilities.
GHG emissions calculation/EEDI, EEXI full calculation,

February - July 2018

Marine officer / chief machine application diploma (Brest Naval School)

2010-2016: Graduated in Marine Engineering / Energy and Thermal Systems (ERN Casablanca)

-Mechanical / Marine Engineer

- Two-stroke and Four-stroke electronically controlled engines

- Electronic / Hydraulic control systems and ECU

2009-2010

Baccalaureate S1 (Maths, physique, science) – Mention AB– (LMCM, Tambacounda)

Computer skills

-Frontend: HTML, CSS, JavaScript, JQUERY, React, Nextjs

-Back end: C#, ASP.NET Webb, MVC, Web API, MongoDB, Azure

-Database: Microsoft SQL server, Entity Framework, LINQ

-Python and artificial intelligence: (facial and voice recognition app, Computer vision)

-IOT: realization of intelligent starting systems with voice control, Raspberry, Jetson Nano

-Other Technologies: Github, Git, CI/CD, Matlab

Personal Project

During my free time, I have worked on a personal project that showcases my passion for programming and development. The project is called "Smart Automation System" developed using the Python, ML, JS and C# programming language. Some key features of the application include:

- Integration of various smart devices such as lights, thermostats, and security systems.
- User-friendly interface for controlling and monitoring smart devices remotely.
- Implementing automation rules and schedules for efficient energy management.
- Real-time notifications and alerts for security breaches or unusual activities.
- Integration with voice control using natural language processing.

This project allowed me to deepen my knowledge in software development, strengthen my programming skills, and demonstrate my ability to work on a full-stack application. It also reflects my eagerness to explore new technologies and contribute to the development of innovative solutions.

Qualities and languages spoken

- Written and oral fluency in French, English, Swedish (SFI D)
- Ease of integration in different fields
- Regular practice of football
- Passionate about puzzle games (chess, scrabble) and new technologies