



Mahamadou Nouridine Mamoudou Souley

Software Engineer

✉ mahamadounouridinem@gmail.com ☎ +227 88103073 📍 Niamey, Niger

🇳🇪 Niger 🌐 Single 🚗 B 🏆 He/Him 🔗 nouridine.me

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📄 PROFILE

Passionate and detail-oriented Software Engineer with expertise in modern technologies for building and integrating software systems. Highly collaborative with strong communication skills, I thrive in team environments to solve real-world software issues. Adaptable and quick to learn, I excel at applying new concepts efficiently while meeting policies and deadlines.

🧠 SKILLS

Node.js	● ● ● ● ●	Ruby	● ● ● ● ●
Python	● ● ● ● ●	Javascript	● ● ● ● ●
Nest.js	● ● ● ● ●	Express.js	● ● ● ● ●
Ruby On Rails	● ● ● ● ●	SQL	● ● ● ● ●
React	● ● ● ● ●	Next.js	● ● ● ● ●
Github Flow	● ● ● ● ●	Git flow	● ● ● ● ●

📁 PROFESSIONAL EXPERIENCE

- 07/2022 – 03/2023
Niger

Codeloccol [🔗](#)
Full-stack Developer
We successfully built and deploy 3 systems software systems for managing the school admission process, curriculum management and student activity monitoring bot on discord.
- 10/2023 – 05/2024

Kano VTC
Software Engineer (Freelance)
We successfully built a VTC Taxi system for a client. the system has two mobile clients (applications) and one web back-office and is a compound of several AWS services and Stripe integration.
- 01/2023 – present
Niger

Codeloccol [🔗](#)
MERN Full-stack Developers Mentor (Volunteer)
Mentoring students in the MERN Full-stack development curriculum by:

 - providing them guidance through the program;
 - Letting them learn from my experience on common mistakes to avoid;
- 04/2023 – 03/2024

Microverse [🔗](#)
Mentorship of junior developer (Volunteer)

 - Mentored two junior web developers every week, and provided technical support through code reviews.
 - Proposed improvements to code organization to improve code quality and overall performance.
 - Provided advice and tips on how to maintain motivation to maintain longevity in the program.

🎓 EDUCATION

03/2023 – 03/2024
Remote, California

React and Rails Full-stack development

Microverse

One year of working on interesting projects remotely by collaborating with people from all over the world. The curriculum is a compound of **RUBY ON RAILS** and **REACT** Full-stack development, algorithm, and data structures, software architecture, software optimization, and collaboration.

01/2022 – 01/2023
Niger

MERN Full-stack developer

Codeloocl [🔗](#)

- Spent 2600+ hours mastering full-stack development while simultaneously developing JavaScript projects with the Mern stack (MongoDB, Express, React, Node,).
- Participated in an international Hackathon, In which we built a web-based AI-powered solution that uses satellite imagery to predict the Energy Intensity of a given Area
- Developed skills in teamwork.

🏆 AWARDS

12/2022

UNESCO-India-Africa Hackathon-2022

Ministry of Education's Innovation Cell - Government of India

I had the honor of representing Niger as a Finalist at the UNESCO India Africa Hackathon 2022, held at Gautam Buddha University in Greater Noida. This prestigious event featured participants from 23 countries, including 22 African nations and India, with over 600 students forming 100 teams to tackle 20 problem statements across 5 themes, supported by 50+ mentors.

Our team, 'Troubleshooters,' addressed a challenging Energy domain problem: using satellite imagery to determine a city's per capita energy consumption. During this 36-hour hackathon, I:

- Utilized Python to write scripts that extracted digital numbers (DN) from nighttime light data via Google Earth Engine.
- Collaborated with individuals from India, Morocco, Namibia, and Mozambique to develop a software solution.
- Immersed myself in India's rich cultural diversity, enhancing the overall experience.

This event was an invaluable opportunity for professional and personal growth, allowing me to contribute to a global community of innovators and problem solvers.

🌐 LANGUAGES

English



French



Haoussa



Zarma



🔑 INTERESTS

• Basket-ball

• Meditating

• Reading