

ahmat MAHAMAT

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Summary

Motivated and detail-oriented Master's student in Cybersecurity with hands-on experience in software development, full-stack engineering, and penetration testing. Seeking a 4-6 month internship starting March 2025 to leverage my technical expertise and contribute to innovative development and security solutions.

Education

University of Caen Normandy

M.S. in Computer Science, Software Development and Cybersecurity

Caen, France

Sep 2023 – Sep 2025

University of Caen Normandy

B.S. in Computer Science, Software Development, Algorithms, Web Technologies, Cybersecurity

Caen, France

Aug 2019 – May 2023

Skills

Languages: Python, JavaScript, C/C++, Bash, Java, PHP

Technologies: React, Next.js, Django, GraphQL, Tailwind CSS

DevOps & Cloud: Docker, Kubernetes, AWS (EC2, RDS, DynamoDB), GitHub CI/CD

Cybersecurity Tools: Nmap, Metasploit, Burp Suite, SqlMap, OpenVAS, Wireshark

Databases: MySQL, PostgreSQL

Soft Skills: Problem-solving, Analytical Thinking, Collaboration, Team Work, Communication

Experience

TOUWI

Full-stack Web Application

Sep 2024 – Present

Caen, France

- **Developed and deployed a high-performance React/Next.js web application**, enhancing data visualisation by **10%**.
- Collaborated with a team of 15 in the "Projet collaboratif" module to deliver a **scalable full-stack solution**, focusing on **frontend optimization and UI experience**.

Confledis

React Web Developer Intern

Jun 2023 – Aug 2023

Paris, France

- Enhanced application **load speed by 30%** through optimized React component design.
- Improved system scalability by **40% using AWS services** such as EC2, RDS, and AppSync.

Projects

Portfolio Project | Next.js, React, Tailwind CSS, Google reCAPTCHA

<https://ahmat-mahamat.vercel.app/>

- Created a customizable portfolio template using Next.js and Tailwind CSS, showcasing skills, experiences, and projects with integrated Google reCAPTCHA.
- Enhanced user experience by 30% through responsive design and reduced form submission spam by 90% using Google reCAPTCHA.

Blockchain Web Application | TypeScript, JavaScript, Solidity, CSS

<https://blockchain-store-2024.vercel.app/>

- Developed a decentralized web application using Next.js and Solidity, enabling secure transactions with blockchain technology.
- Improved transaction processing speed by 10% and enhanced security measures, resulting in a 30% reduction in unauthorized access attempts.

Interactive Data Visualization | GraphQL, D3.js, Docker, MongoDB, Apollo Server, Node.js

- Developed an interactive data visualization platform using GraphQL and D3.js, improving data processing efficiency by 30%, API response times by 25%, and boosting engagement by 35% through dynamic visualizations.
- Reduced deployment time by 50% with Docker and Docker Compose, streamlining containerized application setup and management.

Languages

Fluent: Arabic, French **Advanced:** English