



**Ahmed Yacine Bouchouareb**

AI & Software Development Specialist

[bayacineportfolio.netlify.app/](https://bayacineportfolio.netlify.app/)



0558114677



[bayacine9919@gmail.com](mailto:bayacine9919@gmail.com)



[github.com/chechna9](https://github.com/chechna9)



[/ahmedyacinebouchouareb](https://www.linkedin.com/in/ahmedyacinebouchouareb)



## Profile

Holding both an engineering and a master's degree in Artificial Intelligence and Data Science. With expertise in full-stack software development and a focus on front-end technologies, I am also proficient in mobile development using Flutter and backend integration. Blending AI and software development, I enjoy crafting smart, functional systems that solve problems efficiently and push the boundaries of what's possible with code.



## Main Skills

- Full-Stack Development
- Mobile Development
- Machine Learning & Data Science



## Tools & Languages

- React Js ( Next , Remix )
- Flutter ( familiarity with native android )
- Laravel , Express js , FastApi
- Sql , GraphQL , MongoDB
- Python , pytorch , keras ,pandas
- Git/Github
- Familiarity with Docker



## Work Experiences

**April 2025 - Current**

Wegoo (Ecommerce CMS)



### Full-Stack Software Engineer

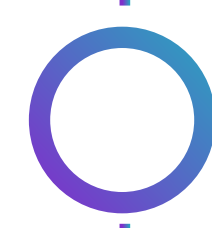
Developed and enhanced an AI-powered e-commerce CMS, focusing on order automation, third-party integrations, and intelligent customer interactions.

- Added role-based access control and order dispatch workflows.
- Integrated multiple delivery company APIs.
- Built LangChain-powered product content generation tools.
- Created migration extensions for other CMSs ( Shopify , woocommerce .. ).
- Developed a WhatsApp AI chatbot and interactive order confirmation templates.



Jan. 2025 - Apr. 2025

WZM Technologies

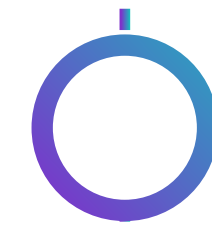


## Full-Stack Software Engineer

- **Built and maintained features for a multi-vendor e-commerce application using Remix.js , Prisma , and GraphQL .**
- **Designed and implemented a web scraping and SERP analysis tool for market intelligence and commercial data extraction.**

Feb. 2024 - Jul. 2024

Université de Sherbrooke,  
Canada



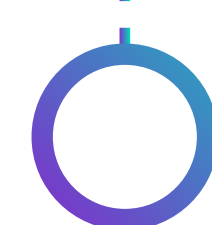
## Research Intern in Artificial Intelligence

Studied model robustness to adversarial attacks and built an automated pipeline for generating and classifying adversarial samples in anomaly detection.

- **Conducted a literature review on the robustness of machine learning against adversarial attacks.**
- **Developed a pipeline to automate the generation and classification of adversarial attacks in the context of anomaly detection.**

2022 - 2024

Self-Employed



## Freelance

Designed and developed custom web and mobile applications for various clients, delivering full-stack solutions with modern frameworks and responsive interfaces.

- **Khutwa Guide** — mobile app to help pilgrimage guides manage pilgrims, including hotel room arrangements
- **Rayhane** — e-learning mobile app with payment, multilingual support, ratings, etc.
- **A translation platform** — freelance project using NLP models, deployed on AWS, connected to a web front end



## Trainings & Education

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- ECOLE SUPÉRIEURE EN SCIENCES ET TECHNOLOGIES DE L'INFORMATIQUE ET DU NUMÉRIQUE (ESTIN) - **2021 / 2024**
  - ECOLE NATIONALE SUPERIEURE D'INFORMATIQUE (ESI) - **2019 / 2021**
  - Machine Learning ( 12 weeks course by AndrewNG )
  - Deep Learning ( 4 weeks course by AndrewNG )
  - Responsive Web Design ( 300 hours course from freecodeCamp )
- Rest on my portfolio



## Languages

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- English: technical, conversational,
- Arabic: Native,
- French: C2 ( TCF 2023 )



## Side Projects

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- **Kurio App** – A mobile application using generative AI to create educational content for children , won third place at the international hackathon "Africa to Silicon Valley."
- **Valorant Win Prediction** – From data collection to an AI-based web application for predicting victories in games.

**The rest is available on my portfolio and GitHub account.**  [bayacineportfolio.netlify.app/](https://bayacineportfolio.netlify.app/)