

Abdessamad Idboussadel

📍 Lyon, France ✉ idboud@gmail.com ☎ 07 53 26 89 19 🔗 <https://idboussadel.tech> in idboussadel
🌐 idboussadel

About

I am a 23-year-old Computer Engineering graduate from ENSA Agadir, currently pursuing a Master's degree in Artificial Intelligence (M2 AI) at Université Claude Bernard Lyon 1. I specialize in Next.js (React.js), Laravel, and Spring Boot, with strong experience in building high-performance web and desktop applications.

Education

Université Claude Bernard Lyon 1 <i>Master's in Artificial Intelligence (M2)</i>	<i>2025 – Present</i>
ENSA Agadir <i>Engineering Degree — Computer Science</i>	<i>2020 – 2025</i>
Lycée Al Massira Al Khadra, Tiznit <i>Baccalauréat — Sciences Mathématiques</i>	<i>2020</i>

Experience

Software Engineer Intern <i>VOID</i>	<i>Agadir, Morocco</i> <i>Feb 2025 – Jul 2025</i>
<ul style="list-style-type: none">Designed features for managing doctors, appointments, departments, services, and offers for each establishment.The application supports over 10 million monthly views, improving scalability and SEO compared to the legacy system.Reduced page load time by 70% through the new headless architecture, enhancing user experience and improving search engine visibility.Technologies: PHP, JavaScript, Drupal, Next.js 14, TailwindCSS, MySQL, Docker, Git, Drush, Monorepo.	
Software Engineer Intern <i>Vala Bleu</i>	<i>Agadir, Morocco</i> <i>Feb 2024 – Jun 2024</i>
<ul style="list-style-type: none">Built a comprehensive medical clinic management system covering appointments, medical procedures, prescriptions, billing, and reimbursements.Designed a scalable architecture capable of supporting 1,000+ concurrent users without performance degradation.Achieved a 75% reduction in manual administrative workload, improving the overall efficiency of the clinic staff.Enhanced system reliability by reducing database query time by 60%, resulting in faster patient record retrieval.Technologies: React.js, Laravel, JavaScript, Zustand, TailwindCSS, PHP, MySQL.	

Projects

Lead Tech Engineer — Greencore	<i>2025 — Present</i>
<ul style="list-style-type: none">Lead architecture, conception, and development of Greencore, a startup accelerating the energy transition through smarter projects and financing.Developed a project scoring and document generation system that replaces manual evaluation and paperwork, reducing project processing time from 6 months to 2 days.Designed scalable and maintainable backend and frontend systems, improving development speed by 40%.Technologies: PHP, TypeScript, Laravel, React, Inertia, TailwindCSS, PostgreSQL, Shadcn UI.	

Freelance Developer — Geema (Cossona Enterprise)

2024

- Developed a Computerized Maintenance Management System (CMMS) desktop app for a leading Moroccan industrial plant to reduce machine downtime by 60%.
- Implemented maintenance scheduling, equipment tracking, and real-time performance analytics, streamlining industrial operations and improving operational efficiency by 45%.
- Technologies: TypeScript, Electron.js, React, Shadcn UI, TailwindCSS, MySQL.

Technologies

Programming Languages: Python, JavaScript, PHP, HTML, CSS, TypeScript, Java, Node.js

Frameworks/Libraries: Next.js, React.js, Laravel, PyTorch, TensorFlow, Spring Boot, Electron.js, TailwindCSS, Shadcn UI

Databases: MySQL, PostgreSQL, MongoDB

Tools/Platforms: Git, GitHub, Docker, Postman, REST API, GraphQL, tRPC

Certifications

- Supervised Machine Learning: Regression and Classification — Deeplearning.ai (Andrew Ng)
- Advanced Learning Algorithms (Neural Networks) — Deeplearning.ai (Andrew Ng)