

Yasseur Boutobba

Fullstack Developer

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SUMMARY

AI & Data Science student with a strong interest in full-stack development and building impactful software solutions. Proficient with modern web technologies and project workflows, eager to learn continuously and contribute technical skills and creativity to challenging projects.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, C/C++, Python, Java, PHP, SQL, NoSQL, HTML/CSS

Frameworks: React, Next.js, Express.js, Tailwind CSS

Tools: Git/GitHub, Docker, Linux, Vercel, VS Code, Figma

Libraries: React Tanstack Query, React-Hook-Form, Redux Toolkit, RTK Query, Zustand, Firebase, Socket.io, Mongoose, Prisma, NumPy, Pandas, Matplotlib, Seaborn

PROFESSIONAL EXPERIENCE

Fullstack Developer – ProcessIQ Jun. 2025 – Present
Freelance Remote

- Architected and built core features of ProcessIQ, workflow automation platform for managing alternance contracts in France, using Next.js, Express.js, TypeScript, and MongoDB.
- Designed a background job processing system with BullMQ and Redis to handle automated notifications, contract state transitions, and third-party webhook integrations reliably at scale.
- Collaborated with product stakeholders and the CTO to align technical objectives with the product vision.

Frontend Developer – Survision Dashboard Jun. 2024 – May. 2025
Survision Algiers, Algeria

- Built and maintained a production admin dashboard from the ground up using Next.js, TypeScript, and Tailwind CSS, and Optimized data fetching and caching strategies with React Query, significantly reducing redundant API calls and improving perceived performance across the dashboard.
- Worked closely with backend engineers to define API contracts, integrated RESTful endpoints, and extended third-party component libraries to meet accessibility and UX requirements.

PROJECTS

E-Commerce REST API 2025
Personal Project

- Built and deployed in Azure VM a REST API in Express.js and TypeScript following a layered controller-service-repository architecture, supporting product catalog, user auth, cart management, and order lifecycle.
- Implemented Redis-backed session management and response caching, and offloaded order processing and transactional emails to async BullMQ job queues for better reliability and throughput.

Uventlo – Event Management Platform Feb. 2024 – Jun. 2024
Academic Project – ESTIN Bejaia, Algeria

- Co-developed a full-featured event discovery and management web app as part of a 5-person cross-functional team, using Next.js, Redux Toolkit, and Tailwind CSS.

EDUCATION

Fourth Year, Engineering Cycle – AI & Data Science Sep. 2022 – Present
ESTIN – Higher School of Computer Science and Digital Technologies Bejaia, Algeria

- **Courses:** Machine Learning, Data Analysis, Data Science, Advanced Databases (BBDA), Cloud