




ABERKAOU SMAIL

<https://smailab.dev> 
smailaberkaoui@gmail.com 
France 

DEVELOPPEUR WEB FULLSTACK

Passionate fullstack web developer with strong experience. Skilled in designing high-performance, scalable, and modern web applications using best practices.

- TypeScript, JavaScript, Lua, Python
- Node, Fastify, Express, PostgreSQL, ElasticSearch
- React, Vue, Svelte,

PROFESSIONAL EXPERIENCE

• Digit-univers

2023 - Present

Assignment at **Kuzzle** - Fullstack developer (Public lighting management CMS for **Eclatec** France leader) <TypeScript, Node.js, Vue.js, ElasticSearch, Tailwind, ...>

- Design of a centralized management system for lighting networks (industrial CMS type)
- Development of real-time monitoring interfaces (equipment status, alerts, control)
- Integration of IoT devices (communication with lighting controllers/gateways)
- Implementation of energy management and predictive maintenance tools
- Work on a scalable, smart city-oriented architecture

Assignment at **Tipik** - Front-end developer (Web application development for **Auchan Group**) <TypeScript, Node.js, Vue.js, TailwindCSS, ...>

- Advanced integration of user interfaces in compliance with UI/UX designs and accessibility standards
- Integration of front-end with back-end APIs, ensuring efficient data flow management
- Ongoing maintenance and improvements: bug fixing, code refactoring, and continuous enhancement
- Active participation in technical meetings, architecture decisions, and sprint planning
- Close collaboration with product, QA, and backend teams to ensure smooth and consistent delivery

Digit-univers Photo - Fullstack developer (Photography platform) <TypeScript, Gatsby, Node.js, Fastify, MongoDB, ...>

- Initial project design with a modular monorepo architecture, enabling scalability and maintainability
- Implementation of a complete CI/CD pipeline (build, testing, automated deployments) to streamline delivery
- Development of a booking funnel with Stripe payment integration
- Creation of shared internal packages to promote code reuse
- Development of modern and intuitive user interfaces
- Design of a secure and high-performance REST API

• Freelance

2022 - 2023

Kuzzle - Fullstack developer (IoT Platform for **Acorel**) <TypeScript, Node.js, Vue.js, Tailwind, ElasticSearch, Kuzzle>

- Development and deployment of integrated systems for collecting and analyzing data on building and facility usage
- Design and implementation of features to anticipate and analyze waiting times
- Implementation of real-time monitoring solutions to track space occupancy accurately and efficiently
- Ongoing maintenance and improvements: bug fixing, refactoring, and continuous optimization
- Close collaboration with product, QA, and backend teams to ensure smooth and consistent delivery

View more [On my website](#)