Maxime Guillemin

AI-Augmented Full Stack Developer

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PROFILE

Full stack TypeScript developer (React, Next.js, NestJS, PostgreSQL) with 2 years of experience, gained through a work-study apprenticeship on a connected-lockers product in production. I use AI without delegating responsibility: I frame the work upfront, the AI implements, and I review everything before merging. Available immediately for a permanent position (CDI).

AI-AUGMENTED DEVELOPMENT APPROACH

- **Planning and security first:** designing tasks with Claude (solution choices, security points) before any code is written.
- **Supervised delegation:** implementation and tests handed to the AI, with code review before every merged PR; configuring AI tools (rules, context) for reproducible results.

TECHNICAL SKILLS

- **Languages:** TypeScript, JavaScript, SQL
- **Front-end:** React, Next.js, Tailwind CSS, progressive web apps (PWA)
- **Back-end:** Node.js, NestJS, API design and hardening, Stripe API (basics)
- **Data:** PostgreSQL, Prisma (ORM)
- **DevOps:** Docker, AWS, GitHub Actions (CI/CD), Git / GitHub
- **Quality:** Jest (basics), code reviews, documentation
- **AI:** Claude Code, assisted planning, test generation, MCP protocol (learning)

PROFESSIONAL EXPERIENCE

Upskilling and personal projects Jul. 2026 – present

- Personal portfolio (live): Next.js, React, TypeScript, Tailwind CSS; maximeguillemin.dev.
- TypeScript MCP server and multi-agent paper trading bot (in design).

Restaurant server Mar. 2026 – Jun. 2026
Career break and travel Nov. 2025 – Feb. 2026
Full Stack Developer (work-study apprenticeship) Nov. 2023 – Nov. 2025
Les Biens en Commun *Lyon, France*

Connected locker rental (mobile/web app and touchscreen kiosks): the fleet grew from about 10 to 40–50 lockers during the apprenticeship. Team of 2–3 developers with a lead developer, agile methods.
Tech stack: TypeScript, React, Next.js, Node.js, NestJS, PostgreSQL, Prisma, Docker, AWS, GitHub Actions.

- Complete redesign of the booking flow (mobile/web) from Figma mockups: choosing the locker, the item and the time slot, then payment.
- Redesign of the kiosk touchscreen flow (from a simple code entry to a guided step-by-step flow), with the related backend changes; carousel of the locker's items on the idle screen.
- Badge system ("Veteran" from 150 uses) with automatic discount, integrated with a third-party promo-code service (front and back end).
- Backend hardening and refactoring of a legacy codebase: authentication and permissions, input validation, secrets management, vulnerability fixes.
- First visual redesign of the mobile/web app, as the only full-time developer for 2 months: development, production releases and direct fixing of production bugs.

EDUCATION

Master's degree in Software Architecture and Application Development Oct. 2023 – Jul. 2025
Epitech, Lyon, France

RNCP Level 6 certification: Web and Mobile Application Development Project Lead
La Capsule, Lyon, France (EQF Level 6) *Jun. 2023 – Aug. 2023*

LANGUAGES AND INTERESTS

Languages: French (native), English (intermediate, B1). **Driving licence:** category B. **Interests:** following AI tooling; competitive video games (ranked League of Legends).