Alexandre Gaubert

Senior Product Engineer
Fullstack React, TypeScript & Python
AI agent orchestration

- Full remote, hybrid possible in Rennes

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Fullstack engineer with 7 years of React and TypeScript on SaaS products, from frontend architecture to test strategy. Backend experience at Mergify with Python and APIs. As a personal project, I designed an engineering system where a fleet of AI agents plans, codes, tests and ships in parallel, within automated guardrails.

Experience

Senior Frontend Engineer, Mergify, Rennes Jul 2022 – Nov 2026
Merge queue and CI tooling for engineering teams

- Shipped features across the merge queue and CI Insights.
- Introduced TypeScript to the React dashboard; migrated it to TanStack Router and Zustand.
- Set up the design system in collaboration with a UX designer.
- Set up the frontend test strategy: end-to-end, integration and unit tests (Cypress, Playwright).
- Delivered product-focused backend projects end to end; Python development and API work.

Frontend Engineer, Cegid, Rennes Aug 2019 – Jul 2022

- Developed tax management applications for businesses with React, TypeScript and Redux; improved test coverage and UI consistency.

Developer, Retirement home in Montfort-sur-Meu Dec 2018 – Aug 2019
French civic service

- Created an interactive kiosk for visitors and a TV app for residents (React, Node.js, MongoDB).

Projects

AI agent orchestration cockpit, personal project 2026 – present
Desktop app · Electron, React, TypeScript, Claude Agent SDK

- Runs a fleet of Claude Code agents in parallel: manager agents split each project into workstreams and launch workers, each in its own git worktree and branch.
- A single queue surfaces only the human's decisions (plans, product trade-offs, release calls), with options and a recommendation; orphaned requests are relaunched, pull requests verified in production.
- Guardrails: scope set before any code by an agent blind to the implementation; adversarial review by a separate agent; a test only counts once seen failing; Claude Code hooks block destructive git commands.
- Operations: incidents shared across agents, then fixed in the tooling; token cost measured per session.

iOS app, personal project 2024 – present

- Built and published a consumer app on the App Store (React Native, Expo, TypeScript).

Skills

Frontend	React · TypeScript · TanStack Query / Router / Table · Zustand · Redux · ECharts · Material UI · Kendo UI
Backend	Python · APIs
Mobile	React Native · Expo
AI engineering	Claude Code · Claude Agent SDK · multi-agent workflows
Quality	Jest · React Testing Library · Vitest · Playwright · Cypress · code review

Education, languages, writing

Education: EPITECH, computer science program, 2015 – 2018 (did not graduate)
Languages: French (native), English
Writing: 5 articles and 19 LinkedIn posts on AI (mostly in French), 530k impressions in total, up to 231k for one article