

Sébastien Grans

PHP Senior Software Engineer · Software Quality · Architecture · Controlled Agentic Delivery

Lozere, France · Remote from France

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Full CV: <https://axxon.github.io/>



Profile

Senior software engineer with 7 years of professional experience across very different products: fraud-prevention services, retirement, logistics, HR tools and music-related projects. This diversity taught me to understand a domain quickly, deliver the requested features and sustainably improve code readability, testing and maintainability.

I have mainly worked autonomously within small teams while acting as a technical referent: framing, trade-offs, code reviews, mentoring and coordination with product and infrastructure teams and vendors. My project-management training broadened this foundation to commercial and strategic considerations, budgeting and team leadership.

I can now also lead a virtual team of AI agents. I turn needs into specifications and acceptance criteria, delegate bounded tasks to specialized agents, isolate their work in dedicated branches, then control tests, contracts, risks and quality before integration. Agents produce and verify; I retain the decisions, technical accountability and final approval. My remote-first culture has taught me to make exchanges, decisions and documentation explicit, accessible and traceable within a shared framework for the team and AI agents, preserving context and continuity. I maintain continuous technology and industry awareness, assessing new tools and practices against real needs before adopting them.

I now want to bring my web-development experience and my practice of framing, delegation and feedback to a human team working on a well-scoped, useful product.

Entrepreneurial Project

[Sonomundi](#) — Product Creator - Agentic Developer

December 2025–Present · Side project, now largely automated · Mende

- End-to-end event and music product: domain analysis, product strategy, architecture, MVP, prioritization, quality, deployment and continuous improvement.
- Leadership of a virtual team of specialized agents through a Paperclip-derived control plane: explicit specifications, bounded tasks, isolated worktrees, Docker/Make validation, tests, audits, reviews and evidence before human decisions, with no auto-merge.
- Versioned domain ontology connecting concepts, roles, capabilities, routes, rules and implementation evidence to make the system more verifiable and reveal inconsistencies across specifications.
- Laravel 12/Vue 3/TypeScript product with Python/FastAPI services, OpenAPI APIs, workers, Redis, MySQL/PostgreSQL, Neo4j, Playwright, CI/CD, Docker/k3s, Grafana/Loki and GlitchTip/Sentry.
- Demo access: <https://demo.electronic.sonomundi.com/> to a dedicated version. [More technical details](#). The source remains private, while architecture, testing and contract evidence can be presented in interviews.

Professional Experience

[Evina](#) — Senior Back-end Developer

June 2022–June 2024 (economic redundancy) · 2 years · Permanent contract · Paris · Fully remote

- Delivered features across high-traffic critical Laravel services: mobile-fraud detection, business rules, APIs, batch/real-time workers, WebSockets and production diagnosis in a multi-region environment.
- Upgraded PHP and frameworks across all services: dependency compatibility, Rector, static analysis, regression tests, refactoring and progressive delivery hardening.
- Progressively migrated Eloquent data and reads from MySQL to Redis: prior indexing, canary deployment, Kibana/Grafana monitoring, prepared rollback, service continuity and API-contract compatibility.
- Integrated Auth0 and Laravel Sanctum across three Laravel applications and Dundas for multi-app SSO: asynchronous user migration, role mapping, guards, tests, documentation and deployment.
- Investigated and resolved incidents involving APIs, workers, Redis/MySQL and Kubernetes; monitored HTTP indicators, errors, latency and database load through ELK/Grafana.
- Daily reviews for 4–5 developers covering Clean Code, OOP, SOLID, KISS/YAGNI, framework conventions, tests and Git practices.
- Contributed to architecture decisions, dependency and Docker-image security, Jenkins/GitHub/Kubernetes delivery chains and targeted React improvements.
- Ran English-language workshops on object-oriented design, TDD, unit testing and Xdebug.

Environment: PHP · Laravel · Auth0 · Sanctum · Redis · MySQL · queues/workers · WebSockets · Docker · Jenkins · GitHub · Kubernetes · ELK/Grafana · React

E-testing and Indexx — Back-end Developer

Dates and durations undocumented · Freelance · Annecy / remote

- E-testing: created PHP technical questionnaires and verified answers across PHP versions using Docker.
- Indexx: delivered targeted OAuth, Twilio and NestJS contributions to a personal-services marketplace.

[Sapiendo](#) — Back-end Developer / DevOps

February 2021–May 2022 · 1 year 4 months · Permanent contract, then freelance · Paris · Fully remote

- Designed and delivered a JWT-secured Symfony 5.4/API Platform API converting pension-record PDFs into XML for retirement calculations.
- Modeled upload/download/callback resources and operations, built the parser microservice and integration client, and delivered unit/E2E tests, architecture documentation and sequence diagrams.

- Developed regulatory retirement formulas in Laravel with Design Patterns, refactoring, tests and regular clarification with the Product Owner.
- Dockerized components, established GitHub/GitLab CI/CD and Postman/Newman health checks, monitored AWS CloudWatch/Sentry and coordinated vendors.
- Worked autonomously with the CTO, reviewed pull requests and mentored an internal developer on Laravel and Git.

Environment: PHP 8 · Laravel · Symfony 5.4 · API Platform · Docker · GitHub/GitLab CI/CD · Nuxt.js · AWS · CloudWatch · Sentry

[Groupe Blachère](#) — Software Development Engineer

December 2020–January 2021 · 2 months · Fixed-term contract · Châteaurenard · Hybrid

- Delivered the first usable version of a Symfony logistics tool connected to the core SaaS: need discovery, constraint modeling, API, interface and Docker.
- Built an OOP/DDD placement algorithm with unit tests and PHPStan, editable forms and 2D visualization.

[SensioLabs](#) — Back-end Developer

April–September 2018 · 6 months · Permanent contract · Paris · Fully remote

- Two distinct assignments: built an internal Symfony/Twig event website for SensioLabs, then developed a client platform centralizing several internal services.
- Delivered API Platform endpoints, Microsoft Graph/Yammer/Bing aggregation, RabbitMQ/Swarrot asynchronous processing, temporary Redis storage, JWT, Behat/PHPUnit tests and Docker/Travis CI.

[Norsys](#) — Back-end Developer

2016–2018 · 2 years · Permanent contract · Lyon area · On site / client sites

- Symfony assignments for Franprix, Decathlon and Fiducial: HR CRM, object-oriented LDAP registry and internal patrol-tracking tool.
- API and authentication development, Twig and ES6 integration, Doctrine optimization, pull-request reviews and developer support.

[Activ'Company](#) — Web Developer

December 2013–January 2015 · 1 year 2 months · Apprenticeship · Paris · On-site

- Developed an ERP, client websites and a Symfony2 social network; migrated Doctrine entities to MariaDB.

YouMiam — Web Developer

December 2013 · 1 month · Apprenticeship · Paris

- Symfony/front-end contribution to a culinary social network: Facebook Login, Elasticsearch queries and interface improvements.

Key skills

Back end & data

PHP 8 · Laravel · Symfony · API Platform · REST/OpenAPI · MySQL · PostgreSQL · Redis · queues/workers · WebSockets

Architecture & quality

OOP · Clean Code · SOLID · Design Patterns · DDD · hexagonal architecture · API contracts · PHPUnit · unit/integration/E2E testing · PHPStan · Rector · code review · refactoring

Production & security

Docker · CI/CD · Kubernetes · Jenkins · GitHub/GitLab · ELK/Grafana · CloudWatch/Sentry · monitoring · rollback · vulnerability analysis

Agentic engineering

Spec-Driven Development · multi-agent orchestration · Codex · MCP · Paperclip · isolated branches/worktrees · human validation · no auto-merge

Collaboration

Framing · breakdown · trade-offs · reviews · mentoring · documentation · product/infrastructure/vendor coordination

Education

- **July 2024–2025 · Studi** — Event Project Manager program, 1,000 hours recorded on the attendance certificate, excluding additional personal study. Covered strategy, sales, budgeting, risks and coordination. Certification not obtained because no accessible professional placement was available from my region; concepts applied to Sonomundi.
- **2012 · University of Limoges** — DEUST Webmaster.
- **2008 · Annecy Conservatory** — third cycle in jazz piano.
- **2005 · Lycée Charles Baudelaire, Cran-Gevrier** — STT technical baccalaureate, IT specialization and music option.

Additional information

- Full driving licence (category B).
- Native French · professional English, estimated C1.
- Seeking a permanent remote position.
- [Public technical interview in English](#).