

Sébastien Grans



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

Lozere, France - Remote from France

Email: sebastien.grans@gmail.com

Phone: +33 6 89 91 89 11

GitHub: <https://github.com/Axxon>

LinkedIn: <https://www.linkedin.com/in/axxon/>

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.

Technical Skills

Back end and data: PHP 8, Laravel, Symfony, API Platform, REST, OpenAPI, MySQL, PostgreSQL, Redis, Doctrine, Eloquent, queues, workers, WebSockets, RabbitMQ.

Architecture and quality: OOP, Clean Code, SOLID, Design Patterns, DDD, hexagonal architecture, API contracts, PHPUnit, unit, integration and E2E testing, PHPStan, Rector, TDD, code review, refactoring.

Production and security: Docker, Docker Compose, CI/CD, Kubernetes, Jenkins, GitHub, GitLab, AWS CloudWatch, Sentry, ELK, Grafana, monitoring, rollback, vulnerability analysis.

Front end: Vue 3, TypeScript, Nuxt.js, React, Twig, JavaScript.

Agentic engineering: Spec-Driven Development, multi-agent orchestration, Codex, MCP, Paperclip, specialized agents, isolated branches and worktrees, reproducible tests, validation documentation, human control, no auto-merge.

Leadership and collaboration: framing, breakdown, prioritization, trade-offs, code reviews, mentoring, documentation, product, infrastructure and vendor coordination.

Languages: native French; professional English, estimated C1, used in an international work context.

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: specifications, bounded tasks, isolated worktrees, Docker/Make validation, tests, audits, reviews and human decisions with no auto-merge.
- Versioned domain ontology connecting concepts, roles, capabilities, routes, rules and implementation evidence.
- Stack: PHP 8.2, Laravel 12, Vue 3, TypeScript, Python, FastAPI, Redis, MySQL, PostgreSQL, Neo4j, Playwright, OpenAPI, CI/CD, Docker/k3s, Grafana/Loki, GlitchTip/Sentry.
- Demo access: <https://demo.electronic.sonomundi.com/>
- More technical details: <https://axxon.github.io/fr/sonomundi/>

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 through compatibility checks, Rector, static analysis, regression tests, refactoring and code reviews.
- Progressively migrated Eloquent reads and data from MySQL to Redis with indexing, canary deployment, Kibana/Grafana monitoring, prepared rollback, service continuity and API compatibility.
- Integrated Auth0 and Laravel Sanctum across three Laravel applications and Dundas for multi-app SSO: asynchronous user migration, roles, guards, tests, documentation and deployment.
- Investigated and resolved incidents involving APIs, workers, Redis, MySQL and Kubernetes; tracked HTTP indicators, errors, latency and load through ELK/Grafana.
- Daily reviews for 4–5 developers: Clean Code, OOP, SOLID, KISS, YAGNI, framework conventions, tests and Git mentoring.
- Contributed to architecture, dependency and Docker-image security, Jenkins/GitHub/Kubernetes delivery chains and targeted React features.

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: PHP technical questionnaires verified across PHP versions using Docker.
- Indexx: targeted OAuth, Twilio and NestJS contribution 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

- JWT-secured Symfony 5.4/API Platform API converting pension-record PDFs into XML for retirement calculations.
- Upload/download/callback resources and operations, parser microservice, unit/E2E tests, documentation and sequence diagrams.
- Laravel business logic, regulatory formulas, Design Patterns, refactoring, tests and clarification with the Product Owner.
- Docker, GitHub/GitLab CI/CD, Postman/Newman, AWS CloudWatch, Sentry, vendor coordination and mentoring for an internal developer.

Groupe Blachère - Software Development Engineer

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

- First version of a Symfony logistics tool: need discovery, modeling, API, interface and Docker.
- OOP/DDD placement algorithm, PHPUnit, PHPStan, forms and 2D visualization.

SensioLabs - Back-end Developer

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

- Two distinct assignments: Symfony/Twig event website for SensioLabs, then a client platform centralizing several internal services.
- API Platform, Microsoft Graph/Yammer/Bing aggregation, RabbitMQ/Swarrot, Redis, JWT, Behat/PHPUnit 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.
- APIs, authentication, Twig, ES6, Doctrine optimization, reviews and developer support.

Activ'Company - Web Developer

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

- ERP, client websites, Symfony2 social network and Doctrine-to-MariaDB migration.

YouMiam - Web Developer

December 2013 · 1 month · Apprenticeship · Paris

- Culinary social network: Symfony, Facebook Login, Elasticsearch and interface work.

Education

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

Additional information

- Full driving licence (category B).
- Seeking a permanent remote position.
- Public technical interview in English: https://www.youtube.com/watch?v=aUp7DZ_ZFn4&t=2479s