

SAADAOUI Walid

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Lead PHP Developer / PHP Architect

Lead Developer / PHP-Symfony Architect specialized in event-driven architectures with more than 15 years of experience in designing, refactoring, and scaling critical applications (banking, energy, SaaS). Expert in software architecture, CI/CD, and code quality. Passionate about open-source technologies, performance, and ethical cloud solutions, I combine technical excellence, mentoring, and a positive mindset.

EDUCATION & CERTIFICATIONS

2023: PSPO II CERTIFICATION

2014: SCRUM MASTER TRAINING

2012: SYMFONY 2 TRAINING

2011: SYMFONY 1.4 TRAINING

2009: PROFESSIONAL MASTER'S DEGREE IN STRATEGIC SYSTEMS ANALYSIS & INFORMATION SYSTEMS - UNIVERSITY OF VERSAILLES SAINT-QUENTIN-EN-YVELINES

2008: MASTER'S DEGREE IN COMPUTER SCIENCE - UNIVERSITY OF VERSAILLES SAINT-QUENTIN-EN-YVELINES

2007: BACHELOR'S DEGREE IN COMPUTER SCIENCE - UNIVERSITY OF VERSAILLES SAINT-QUENTIN-EN-YVELINES

TECHNICAL SKILLS

Programming Languages: PHP 5/7/8, SQL, JavaScript, XML, JSON

Architecture: Domain-Driven Design (DDD), CQRS, Microservices, Event-Driven, SOLID

Databases: PostgreSQL, MySQL, query optimization, SQL transactions

Frameworks: Symfony (1.x to 5.x), Laravel, jQuery, JavaScript, Node.js, ExpressJS

DevOps & Infrastructure: GitLab CI, Jenkins, Docker, Linux

Quality / Testing: PHPUnit, code review, SonarQube

Project Management: Agile (Scrum), Scrum Master

Tools: Git, GitLab, Redmine, JIRA, Mantis, SVN

Messaging: RabbitMQ

SOFT SKILLS / VALUES

Technical leadership and team mentoring

Ability to design robust and scalable architectures

Strong analytical and complex problem-solving skills

Knowledge sharing and best practices mentoring

High standards regarding code quality, performance, and security

LANGUAGES

PROFESSIONAL EXPERIENCE

FlowBank (Geneva): 07/2023 to 01/2025, Technical Lead

07/2023 to 04/2024: Consultant

04/2024 to 01/2025: Internal employee

Project: OperationHUB is a core banking application used to manage all cash IN/OUT transfers. It centralizes several sub-applications including compliance, messaging, and payment.

Achievements:

- Fixed major production issues and stabilized the application
- Organized and monitored new feature developments
- Developed new functionalities
- Performed reverse engineering to identify all business rules
- Worked closely with product and infrastructure teams to guarantee stability and performance
- Provided technical leadership and mentoring for PHP 8 / Symfony developers

Responsibilities:

- Technical leadership of backend developments
- Organization and prioritization of functional evolutions
- Close collaboration with product, infrastructure, and compliance teams
- Ensured code quality, stability, and data integrity

Environment: PHP7/8, MYSQL, GIT, JIRA, LINUX, WINDOWS SERVER

ENGIE Ecometering: 02/2013 to 07/2020, Backend/Frontend Developer, Lead Developer & Scrum Master

Project: SmartC is a backend/frontend platform used to monitor and distribute water, gas, and electricity consumption in collective housing.

02/2018 to 07/2020: Lead Backend & Frontend Developer / Scrum Master

Achievements:

- Designed and implemented a scalable REST API architecture using Symfony
- Designed microservices architecture using SOLID principles
- Completely redesigned the SmartC platform (backend & customer portal)
- Developed complex business algorithms (billing, energy distribution)
- Optimized API performance and scalability
- Implemented CI/CD pipelines using GitLab CI
- Established Symfony development guidelines and code quality standards

Responsibilities:

- Technical mentoring and coaching of developers
- Coordination of a 5-developer Agile team
- Development management and prioritization
- Collaboration with product teams to define requirements
- Ensured system quality, stability, and maintainability
- Structured backend services inspired by CQRS principles

- Applied SOLID principles to improve maintainability and scalability
- Organized business logic around a DDD-inspired approach

Environment: PHP7, SYMFONY 3, POSTGRESQL, ANGULAR, JQUERY, TWIG, GIT, GITLAB, REDMINE, LINUX, AZURE

02/2013 to 06/2015: PHP Developer then Lead Backend & Frontend Developer

Achievements:

- Designed and developed backend and frontend for the SmartC platform
- Analyzed existing systems and modeled business requirements
- Developed complex algorithms and SQL migration scripts
- Implemented technical foundations and development standards

Responsibilities:

- Participated in user story definition with business teams
- Facilitated Agile ceremonies and stakeholder coordination
- Performed code reviews and continuous quality improvements

Environment: PHP7, SYMFONY 2, POSTGRESQL, JQUERY, TWIG, GIT, GITLAB, REDMINE, LINUX

Pierre & Vacances: 10/2009 to 02/2018, Backend/Frontend Developer & Lead Developer

Project: RefHD is the product repository of the Pierre & Vacances group and powers all company websites.

06/2015 to 02/2018: Lead Developer

Achievements:

- Designed and implemented the architecture of the new repository version (V3)
- Migrated legacy systems progressively to Symfony 3 / PHP 7
- Completely redesigned the database and optimized performance
- Developed web services and integrations with group systems
- Implemented continuous integration (testing, packaging, versioning)
- Developed complex batch processing systems (migration, import/export)

Responsibilities:

- Technical leadership and development coordination
- Mentoring and training developers on Symfony 3
- Collaboration with enterprise architects
- Requirement definition and backlog structuring
- Ensured quality, performance, and maintainability

Environment: PHP7, SYMFONY 3, MYSQL, JQUERY, TWIG, GIT, GITLAB, REDMINE, LINUX

10/2009 to 01/2013: Software Engineer

Achievements:

- Transformed a PoC into an industrial business application
- Performed technical audit and complete database redesign (~90% of the project)
- Optimized application performance and SQL queries
- Developed backend modules and automated batch jobs (cron jobs)
- Introduced development and documentation best practices

Responsibilities:

- Business analysis and technical solution design
- Participation in Agile ceremonies and coordination with business teams
- Code review and continuous quality improvement

Environment: PHP5, SYMFONY 1.1 / 1.2, MYSQL, PROTOTYPE 1.6, SMARTY, SVN

FREELANCE PROJECTS

JOBZIOO (SSH Engineering): 07/2025 to 11/2025 (Full Remote Mission), Lead PHP Developer

Achievement: Development of an international recruitment platform.

Tasks:

- Requirement analysis and architecture design
- User stories and test plan writing
- Frontend developers mentoring and code review
- Development of cron jobs and complex APIs
- Dashboard and workflow implementation
- Docker environment and GitLab CI pipeline setup

Environment: PHP8, SYMFONY 5, POSTGRESQL, REACTJS

Pamir Prestation (Ecublens): 02/2025 to 04/2025, PHP Developer

Achievement: Internal ERP redesign.

Tasks:

- Existing system analysis and reverse engineering
- User stories and functional test plans
- Complete redesign of the ERP using Symfony and REST architecture
- Docker environment and GitLab CI pipeline implementation
- Mentoring a junior developer and writing functional documentation

Environment: PHP8, SYMFONY 5, MYSQL, REACTJS

SSH Engineering (Paris): 01/2022 to 11/2022

Achievement: JobZioo recruitment platform (candidate, partner, back-office).

Tasks:

- Business process implementation
- Design and development of the JobZioo multi-portal recruitment platform
- Automated deployment with GitLab CI and supervision of a 3-developer team
- User stories writing and Agile process implementation

Environment: PHP8, SYMFONY5, POSTGRESQL, TWIG, REDMINE, GITLAB, ANGULAR, LINUX

07/2016 to 09/2020 (Freelance)

Achievement: Information system for shipment and parcel reception management (Web & Mobile).

Tasks:

- Business process implementation
- Full logistics information system creation

- API development, web/mobile interfaces, shipment tracking
- User training and maintenance

Environment: PHP7/8, SYMFONY4/5, MYSQL, JQUERY, TWIG, REDMINE, GITLAB, ANDROID, LINUX