Alejandro Pérez Favieres

Software Engineer

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Innovative Software Engineer with demonstrated mastery in crafting high-throughput systems and spearheadin technical advancement through enterprise-grade solutions

Resourceful professional, showcasing exceptional aptitude in developing resilient distributed systems and cutting-edg microservices architectures. Stellar history of orchestrating event-driven solutions and elevating system performance demanding environments. Skilled at employing DDD methodologies and SOLID principles to engineer sustainab codebases while mitigating technical debt. Established record of executing business-critical initiatives usin contemporary technology stacks. Consistently exhibits proficiency in designing fault-tolerant solutions and streamlinir complex workflows to boost operational effectiveness. Embraces a technology-agnostic mindset with comprehensiv expertise across PHP, Java, and cloud platforms, paired with an unwavering dedication to technical growth an engineering excellence.

Technical Proficiencies

Languages:	PHP, Java, Go, TypeScript, Node.js
Frameworks:	Spring Boot, Symfony, Vue.js
Databases:	PostgreSQL, MySQL, Redis, Elasticsearch
Infrastructure:	AWS, Docker, Kubernetes
Architecture:	Microservices, DDD, CQRS, Event-Driven Architecture
Testing:	TDD, PHPUnit, JUnit
Protocols:	REST, gRPC, Websockets
Messaging Queues:	SQS, SNS, RabbitMQ, Kafka
Tools:	Jenkins, CI/CD, Linux

Professional Experience

Smartbox, Dublin — July 2024 - Present

PHP Software Engineer

Spearhead development of integration gateway services facilitating external partner access to Smartbox ecosysten Design and implement RESTful APIs ensuring scalability and maintainability. Collaborate with cross-functional teams t define technical requirements and architectural solutions. Optimize service performance through efficient database desig and query optimization. Execute deployment strategies using Docker Swarm infrastructure. Mentored junior developers c architecture patterns and testing methodologies.

- Decreased ticket processing throughput by 30% through strategic team initiatives and system optimizations.
- Enhanced developer productivity by implementing improved project tooling frameworks.
- Optimized regression testing cycles through SQL query performance enhancements.

Tech Stack: Symphony, MySql, RabbitMQ, Docker, Kubernetes, PHPUnit, Behat

Deliverea, Barcelona — April 2022 - July 2024

Senior Backend Developer

Architected and maintained SaaS platform backend services using PHP and Java. Led technical design an implementation of new product features across full development lifecycle. Collaborated in cross-team agile environmer to deliver high-quality solutions. Established coding standards and best practices for maintainable software developmer Acted as a fronted engineer, using vuejs.

- Engineered low-latency pricing system using Java/Spring Boot microservice architecture for dynamic ra calculations.
- Implemented DDD architecture patterns to enhance codebase maintainability and scalability.
- Enhanced test suite efficiency by introducing Factory and Object Mother design patterns.

Tech Stack: Symphony, PHPUnit, Behat, MySql, Redis, ElasticSearch, Spring boot, SQS, SNS, Docker, Kubernetes, AW Vue3, Playwright, Prometheus, Kibana

PlanetaHuerto, San Vicent del Raspeig — June 2021 - April 2022
Backend Developer

Developed and maintained e-commerce platform backend services focusing on order management and inventory contro Designed event-driven architecture solutions for high-volume transaction processing. Implemented RESTful APIs fo internal and external system integration. Collaborated with logistics and retail teams to optimize business processes.

- Automated provider order workflow system resulting in significant stock management cost reduction.
- Developed high-performance voucher management microservice handling large daily transaction volumes.

Tech Stack: Symphony, PHPUnit, Behat, MySql, Redis, ElasticSearch, Docker, Kubernetes, Kafka, Yii

Vigilant - Control de presencia y horario, Benidorm — December 2020 - June 2021
FullStack Developer

Led full-stack development initiatives focusing on attendance tracking solutions. Managed legacy PHP codebase whi implementing modern development practices. Designed and developed user interfaces using Bootstrap framewor Implemented database architecture and API integrations for real-time data processing.

- Developed new strategic product enabling digital attendance tracking and sign-in functionality.

Tech Stack: Codeigniter, MySql, Bootstrap, C#, Websockets

Education

Higher degree in Web Application Development
IES Pere María Orts i Bosch, Benidorm | September 2019 - June 2021

Certifications

SOLID - CodelyTv (2021)
Hexagonal Architecture - CodelyTv (2021)
Go Your First App - CodelyTv (2021-2022)
Kubernetes for Developers - CodelyTv (2023)
Event-Driven Architecture - CodelyTv (2023)
Test Driven Development - CodelyTv (2023)