

Patrick Reid

Experienced software engineer specializing in clean, scalable backend systems, event-driven architecture, and operational excellence. Skilled at navigating complex technical challenges while aligning solutions with long-term business goals and improving developer experience.

SKILLS

Programming & Frameworks

PHP, Java, Golang, Python, JavaScript, SQL, Laravel, Spring Boot, React, Gin, Symfony

Infrastructure & Tooling

Docker, Kubernetes (GKE), Kafka, Git, MySQL, MSSQL, GCP, ELK Stack, Datadog, CI/CD (Buildkite, Github Actions), OAuth 2.0

Architecture & Practices

Microservices, Event-driven Systems, Clean Architecture, Hexagonal Design, SOLID Principles, RESTful API Design, TDD, PHPUnit, Pytest

EXPERIENCE

Wayfair — Software Engineer III

APRIL 2021 - PRESENT, Germany

Design and implement scalable backend systems to support Wayfair's global e-commerce operations, focusing on system modernization, platform reliability, and cross-team alignment.

- Led the migration of a legacy, synchronous service to a Kafka-based asynchronous architecture, improving response times by over 60% and significantly reducing infrastructure costs.
- Key contributor to the re-architecture of a multi-region content management platform, helping shift from fragmented monoliths to a maintainable, event-driven system, improving reliability and developer onboarding.
- Mentored junior engineers through pairing sessions, code reviews, and onboarding support, fostering a culture of collaboration and continuous learning.
- Served as the Operational Excellence champion for the team, leading efforts to improve incident response, production readiness, and long-term service health.
- Advocated for clean architecture principles, introducing practices such as hexagonal design and separation of concerns to promote better maintainability and testability.
- Worked closely with product, data, and platform teams across Europe and North America to align technical design with business goals.

Wayfair — Software Engineer I/II

AUGUST 2018 - APRIL 2021, Germany

Developed and maintained backend services supporting product data quality and integrity across Wayfair's global catalog. Focused on data consistency, decoupling efforts, and scalable service design.

- Refactored a critical stage of a data pipeline to decouple engineering-owned systems from direct data science access, improving system stability and aligning with long-term platform architecture goals.
- Collaborated with cross-functional teams to design and roll out GCP-based integrations, improving data access patterns while maintaining backward compatibility.
- Mentored junior engineers and interns on best practices, architecture decisions, and onboarding processes.
- Contributed to production reliability through monitoring and alerting improvements using Datadog and the ELK stack, helping reduce investigation time and improve root cause analysis.
- Participated actively in code reviews and architectural discussions, promoting maintainability, testing best practices, and serving as a member of the organization-wide PHP reviewers group to uphold coding standards across teams.

Epic Technologies Jamaica — Programmer & Designer

JUNE 2015 - JULY 2018, Jamaica

Developed internal tools and data-driven platforms for insurance agencies and brokers, with a focus on backend architecture, process automation, and long-term maintainability. Collaborated closely with cross-functional stakeholders to gather requirements and deliver reliable software using PHP and MySQL.

EDUCATION

University of Technology Jamaica — BS. Computer Science

AUGUST 2011 - JUNE 2015, Jamaica

PROJECTS

Laravel Scavenger — Open Source Project

AUGUST 2017 - PRESENT

Maintainer of an extensible Laravel package for scheduled web crawling and scraping. Supports queueable operations, discovery strategies, and multiple user agents.

github.com/reliqarts/laravel-scavenger

LANGUAGES

English — Native Proficiency

German — Elementary Proficiency