

PABLO MONFORT

Senior Staff Software Engineer

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EXPERIENCE

Senior Software Engineer

InMoment

05/2021 - 08/2025

- Led cross-team architectural decisions for 7+ microservices platform handling 1M+ requests/month
- Designed fault-tolerant distributed systems using event-driven patterns and message queues
- Implemented caching strategies using Redis to optimize application performance
- Pioneered AI-assisted development workflows using Claude Code and GitHub Copilot, improving code quality and development speed by 30%
- Evaluated technical trade-offs and migrated legacy Salesforce integration to secure Ruby service, balancing velocity with reliability to achieve 90% sync improvement
- Led cross-functional architectural migration from legacy AngularJS frontend to component-based React architecture, reducing technical debt and improving developer velocity by 25%
- Mentored team of 3 developers on Ruby best practices and TDD while leading AI tool adoption for automated testing and code reviews, creating a Team Working Agreement that improved team velocity by 25% and reduced production incidents by 90%

Senior Software Engineer

Tarmac

07/2013 - 12/2020

- Rescued failing CI/CD pipeline for Trimble (Fortune 500 client), fixing 250+ failing tests and establishing testing standards across distributed teams in the USA and India, achieving 100% green builds within 3 months
- Joined SportsEngine (NBC Sports) back end troubleshooting team as part of 12-person Uruguay squad, debugging and problem-solving 50+ critical production issues monthly for platform serving 35M+ youth athletes
- Became go-to developer for legacy system modernization at Novu/Icario, successfully delivering 15+ stalled features that others avoided, reducing technical debt backlog by 40%
- Evaluated and applied emerging technologies to modernize legacy systems, staying at forefront of development tools and frameworks
- Maintained and enhanced healthcare platform serving 2M+ members at Icario, ensuring HIPAA compliance while modernizing Ruby on Rails monolith
- Coordinated with global teams across 4 time zones (USA, India, Macedonia, Uruguay) to implement 24-hour development cycles, improving delivery speed by 35%
- Technical expert in Ruby, mentored developers in Ruby best practices, TDD, and code reviews, establishing coding standards adopted across all projects
- Delivered 25+ full-stack web applications for international clients across fintech, e-commerce, and SaaS industries

Founder & Lead Engineer

Qaplus

07/2016 - 12/2019

- Founded and rapidly prototyped SaaS platform for automated QA testing, iterating from concept to MVP in 6 months. Designed and architected innovative full-stack solution, demonstrating ability to translate abstract ideas into tangible products
- Designed UX, architected and developed a full-stack solution using Ruby on Rails, Sinatra, and PostgreSQL
- Pitched to 10+ investors and accelerators, accepted in Sinergia incubator program
- Created a Google Chrome extension to track flows
- Built a ruby service to create tests based on flows to automatically be run on CircleCI
- Tech Stack: Ruby on Rails, Sinatra, Rspec, Capybara, PostgreSQL, Redis, Sidekiq, Heroku, CircleCI, Stripe API, Google Chrome extension
- Reason for leaving: Lack of investors. Acquired valuable entrepreneurial experience; seeking to apply learnings in a collaborative team environment

Progressed from Junior to Senior Engineer

Crea, Takeoff, BlooSee, Pyxis, Vairix

02/2008 - 07/2013

- Progressed from Junior to Senior Engineer across 5 companies
- Developed applications in diverse industries: telecommunications (Antel/TickAntel), sports media (DirecTV), social networks, and custom software
- Gained expertise in multiple technologies: PHP, Ruby on Rails, Python/Django, Java EE, Android, .NET
- Key achievement: Led development of DirecTV Sports portal serving 2M+ monthly users across South America

SUMMARY

Senior Staff Software Engineer with 15+ years driving technical vision and architectural leadership across distributed systems. Domain-Driven Design, event-driven architecture, and microservices platforms serving 35M+ users. Proven track record of leading cross-team initiatives, mentoring engineering organizations, and driving technical excellence. Specializes in transforming monolithic systems to scalable, fault-tolerant architectures while championing engineering best practices and AI-enhanced development workflows.

CORE ARCHITECTURE & LEADERSHIP

Technical Vision	Cross-Squad Collaboration
Performance Optimization	System Design
Technical Trade-offs	System Observability
Fault-Tolerant Systems	Engineering Excellence
Microservices Architecture	Distributed Systems
Domain-Driven Design	Secure Coding Practices
Event-Driven Architecture	Architectural Reviews
Team Mentoring	

TECHNICAL EXPERTISE

AWS, AWS S3, CI/CD, Claude Code, Docker, Django, Elasticsearch, Flask, Kafka, GCP, Git, GitHub, GitHub Actions, GitHub Copilot, GitLab, Kubernetes, PostgreSQL, Python, Rails, React, Redis, RESTful APIs, RSpec, Ruby, Stimulus, SQL, TypeScript

KEY ARCHITECTURAL ACHIEVEMENTS

Rescued failing distributed system architecture (Trimble): Redesigned testing strategy across 4 global teams, achieving 100% build success rate within 3 months

Led cross-functional architectural migration from legacy AngularJS frontend to component-based React architecture, reducing technical debt and improving developer velocity by 25%

Founded SaaS platform (Qaplus): Designed full-stack architecture from concept to MVP in 6 months, demonstrating ability to translate business requirements into scalable technical solutions

LANGUAGES

English	Proficient	●●●●●●●●
Spanish	Native	●●●●●●●●