



Carlos Alberto Fau

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Summary

Dynamic Software Engineer with over 12 years of experience in software development and team leadership.

Proven expertise in microservices architecture and optimizing system performance, and enhancing scalability of services.

Successfully led initiatives that improved deployment times and reduced AWS costs.

Passionate about driving innovation and efficiency, bringing technical proficiency and strategic insights to enhance productivity and achieve organizational goals.

Experience

- July 2024 – June 2025 **Staff Engineer**, Xepelin
- Spearheaded the decoupling of a core microservice from a legacy monolith, significantly improving system architecture.
 - Enhanced the client acquisition process, reducing integration friction to facilitate smoother onboarding.
 - Revamped existing services to streamline onboarding procedures, bolster maintainability, and support product scalability.
- May 2022 – May 2024 **Engineering Lead**, AltScore
- Designed and developed core microservices for the lending platform, directly supporting customer-facing financial services on a new deployment infrastructure leveraging Kubernetes and CI/CD pipelines.
- Oct 2021 – May 2022 **Technology Consultant**, SimTLiX (now intive)
- Contributed to the maintenance team for a blockchain platform, ensuring system reliability and performance.
- Mar 2021 – Oct 2021 **VP of Engineering**, Coderhouse
- Orchestrated a small team to enhance the platform, reducing response time from several tens of seconds to mere hundreds of milliseconds.
- July 2019 – Feb 2021 **Principal Software Engineer**, Etermax
- Engineered a reusable microservice template using Kotlin, KTor, and Arrow to accelerate development and enforce architectural consistency.
 - Optimized response time by a factor of ten and reduced memory usage by a factor of one hundred in the vocabulary searching module.
 - Conceptualized and implemented a bot player service to enhance user engagement through intelligent automated gameplay.
- July 2018 – July 2019 **Architecture and DevOps Manager**, Frávega SACIFI
- Built and led a DevOps team to deploy and monitor over 50 services, improving overall operational efficiency.
 - Streamlined deployment processes and increased system resilience by implementing a Kubernetes-based infrastructure with CI/CD pipelines.

- Achieved a 25% reduction in AWS infrastructure costs through architectural optimizations and resource usage audits.

Dec 2016 – July 2018 **Software Architect**, Frávega SACIFI

- Architected and directed the implementation of the Product Catalog and Price Management systems, critical components for online retail operations.
- Championed collaboration through multidisciplinary, co-located teams aligned with agile product delivery methodologies.

Oct 2012 – May 2016 **Senior Software Engineer**, Medallia Inc

- Drove improvements to the Unsolicited Feedback module, processing over 1.5 million locations per day.
- Elevated product internal quality and functionality through targeted optimizations.

Education

Dec 1998 **Morón University**, BS in Information Systems – Morón, AR

Skills

Programming Languages: Golang, Typescript, Kotlin, Scala, Java, Python

Other: SQL, MongoDB, Kubernetes, Docker, AWS, Git