

Fabio Franco

Senior Software Engineer

I'm a Senior Full-Stack Engineer and Cloud Solutions Architect with over 24 years of experience in software development, cloud computing, and leadership. Proficient in designing and implementing scalable softwares and cloud architectures, managing large microservices systems, and delivering innovative SaaS solutions. Skilled in technologies such as Artificial Intelligence, Java, Angular, Kubernetes, AWS services and many others. Experienced as a Software Engineer, Team Lead (including managing international teams across several countries and timezones), CTO and co-founder, blending technical expertise with strategic leadership.

LATEST WORK EXPERIENCES

- **Senior Fullstack Software Engineer / Team Lead**
CData, United States / Germany

2016 - present

 - Lead the development of web applications using Angular and Java for a global SaaS data virtualization platform.
 - Architect and implement full-stack solutions, collaborating with both Java API and frontend components to deliver scalable and efficient systems.
 - Bootstrapped the integration initiative with the OpenAI API, leveraging artificial intelligence to enhance product features and offer smarter data solutions.
 - Collaborate with cross-functional teams to improve product features, optimizing performance and user experience.
 - Mentor and lead a team of frontend engineers, fostering a culture of continuous improvement and agile development.
- **Freelance Senior Software Engineer**
Get Your Guide, Germany

2021 - 2023

 - Contributed to the design and scaling of a high-performance microservices architecture for a large-scale online platform.
 - Worked on backend services using Java, PHP and Mysql (AWS RDS), with a focus on optimizing performance and improving security for high-traffic environments.
 - Gained hands-on experience with Kubernetes, Argo CD, Kafka and other technologies in production environments, streamlining deployment pipelines.
 - Collaborated with global teams to implement new features, reducing downtime and improving system reliability.
- **Co-founder / Chief Technology Officer (CTO)**
Audora Systems, Brazil

2006 - 2022

 - Led technical strategy and implementation for a growing software development company specializing in state-owned solutions.
 - Designed and managed the company's cloud infrastructure on AWS, ensuring secure and scalable systems.
 - Managed a team of 15+ developers, overseeing backend architecture, cloud deployment, and system integrations.
 - Played a pivotal role in business growth by enhancing core software capabilities and onboarding major clients.

INDEPENDENT PROJECTS

- **OKR Management SaaS**
ignite.rocks

2023 - present

 - Develop a cutting-edge AI-driven SaaS that helps organizations create, monitor, and execute OKR cycles with intelligent insights and automation.
 - Architect the system's cloud infrastructure on AWS using IaC (Infrastructure as Code with CDK), focusing on scalability, security, and performance.
 - Implement Artificial Intelligence (AI) integrations to automate the OKR cycles operations, providing predictive analysis and recommendations.
 - Oversee the development of the entire product lifecycle, including backend APIs and frontend interfaces, using Java (Spring Framework), MongoDB and React.
- **Cloud API Framework**
Audora Systems, Brazil

2023 - present

 - Build a flexible cloud API framework designed for high-performance, production-grade applications with built-in AI integration and a highly adaptable data model.
 - Implement core features such as automated scalability, observability, and flexible deployment, leveraging AWS, Kubernetes, and other technologies.
 - Integrate essential cloud API features, including advanced monitoring and automated load balancing, to ensure optimal performance and resilience.
 - Use powerful tools such as Hazelcast, Bucket4j, Containers, Github Actions and others to improve scalability and robustness in a distributed cloud environment.

TECHNICAL SKILLS

Java	Typescript	Javascript	PHP	Prompt Engineering	OpenAI API Integrations	RAG	Python
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programming languages				artificial intelligence			
Spring Framework	Node	Angular	React/Next.js	Artificial Intelligence	MongoDB	Kafka	MySQL PostgreSQL
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frameworks / runtimes				technologies / databases			
AWS Services	Kubernetes	Containers	Github Actions	Gitlab CI	Datadog	Prometheus	Argo
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cloud computing				continuous integration / delivery / observability			

CONTACT

- in

https://linkedin.com/fabiofranco
- github

https://github.com/fabiofranco
- envelope

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- location

Brazil (seeking a Remote position)
- phone

+55 82 999842433 (Mobile/Whatsapp)

HIGH EDUCATION

- Information Systems
- Alagoas School of Technology
- Faculdade de Tecnologia de Alagoas FAT
- 2005-2008, Brazil