

Gabriel Lima

[GitHub](#)/[Linkedin](#)/[gabrielslima.com](#)

Senior Software Engineer specializing in cloud-native solutions and microservices architecture. Proven track record in designing scalable systems, improving business processes, and leading cross-functional teams to success.

#Professional Experience

Senior Software Engineer (Tech Lead) - AWS Cloud Native – [Itaú Unibanco](#) - Remote, Brazil - jun/2022 - present

Led technical efforts within the Electricity Trading team, managing a team of Software and Data Engineers to improve trading workflows. Designed a **vendor integration architecture** based on Hexagonal principles to decouple external systems and improve maintainability.

Front Office:

- Delivered real-time Counterparties Credit Risk Simulation API (<15s response), enabling traders to make faster decisions.
- Streamlined proposal workflows to improve trader collaboration and communication.
- Implemented a pricing repository to eliminate email exchanges, enhancing data accessibility.

System Design: Modernized data integration solutions to handle data from 10+ sources using AWS Lambda, S3, Athena, and API Gateway.

(AWS Lambda, SQS, SNS, DynamoDB, S3, Python, Javascript, REST, Event Driven, OOP, AOP, Microservices, Angular, Swagger, OAS 3.0, Api Management, Clean Code, Clean Architecture, Design Patterns, NoSQL)

Senior Software Engineer - AWS Cloud Native – [Itaú Unibanco](#) - Remote, Brazil - aug/2021 - jun/2022

Developed tools to optimize back-office processes in the energy trading domain. Achievements:

Back-office automation: Long term visualization of energy operations prices by providing up to date information about CDI (Interbank Rate) and USD 30+ years predictions.

Back-office automation: Accounting process in seconds, trading operations calculated in less than 30s.

(AWS (Lambda, SQS, SNS, DynamoDB, S3), Python, Javascript, REST, Event Driven, OOP, AOP, Microservices, Angular, Swagger, OAS 3.0, Api Management, Clean Code, Clean Architecture, Design Patterns, NoSQL)

Software Engineer - AWS Cloud Native – [NTT DATA Latam](#) - Remote, Brazil - dez/2020 - aug/2021

Developed scalable solutions for the Energy Trading team, focusing on automation and efficiency. Achievements:

Back-office automation: Long term visualization of energy operations prices by providing up to date information about inflation (IGPM/IPCA).

Back-office automation: Back-office automation: 500+ counter-parties were registered in other systems that are part of the ecosystem using the registering automation.

(AWS (Lambda, SQS, SNS, DynamoDB, S3), Groovy, Python, Shell Script, REST, Jenkins, Swagger, Api Management, Clean Code, Clean Architecture, Design Patterns, NoSQL)

Cloud Engineer – [NTT DATA Latam](#) - Remote, Brazil - may/2020 - dez/2020

Maintained on-premises API gateways and resolved 20+ API issues daily as part of the API Governance team.

20+ API Gateway issues solved daily while working with the API Governance team. Responsible for keeping Gateway and STS solutions.

(Axway, Groovy, Python, Shell Script, REST, GitLab, GitLab CI, Jenkins, RAML, Swagger, Api Management, AWS API Gateway, Oauth2.0)

DevOps Engineer – [Ericsson](#) - São Paulo, Brazil - jul/2019 – may/2020

Responsible for building and keeping QA environments, CI/CD pipelines and linux servers management. Achievements:

Claro Flex CI/CD pipeline: Created the first Jenkins pipeline that included REST APIs automated testing among 10+ projects

Bitbucket CI/CD to Jenkins pipelines migration: 5+ pipelines migrated to Jenkins pipelines

(Java, Spring, Python, ELK Stack, Docker, SonarQube, Redis, REST, Jenkins, Ansible, Shell Script, Linux Servers, Prometheus, Grafana)

Software Engineer – [Ericsson](#) - São Paulo, Brazil - nov/2018 – jul/2019

Worked with high availability architecture and implemented scalable back-end designs and UI development. Achievements:

Push Notification: Modern push notification system capable of sending more than 1 million notifications within 1h.

Claro Flex: Payment REST API (communication between legacy system and modern systems) for mobile internet plan payment using the user's number balance.

(HTML5, CSS, JavaScript, Bootstrap, NoSQL, Java, Spring, Python, MongoDB, ELK Stack, Docker, SonarQube, Tdd, Maven, Junit, Redis, Rest, Jenkins, NoSQL)