

Alex Vieira Alencar

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Mauá, São Paulo – Brazil, Age:27

Github: <https://github.com/iamavieira>

Experience

Senior Software Engineer - Itaú Unibanco S.A

Jan 2022 - Present

Technical Lead - Itaú Unibanco S.A

Sep 2021 - Jan 2022 (5 months)

Software Engineer - Itaú Unibanco S.A

Aug 2020 - Sep 2021 (1 year 2 months)

Junior Software Engineer - Itaú Unibanco S.A

Jul 2019 - Aug 2020 (1 year 2 months)

Design, develop, and deliver an event-driven, workflow API, to provide customers with an omnichannel experience for hiring some of our most critical products: Bank Accounts, Credit Cards, Insurance, and Credit. These products combined average millions of customers monthly.

We were running our services over three environments: On-premise IAAS(managing our Linux VM's using OpenStack, and setup and configuration using Puppet), On-premise PAAS(Openshift) and Public Cloud AWS.

During this time I have worked with the following stack: Camunda, CloudFormation, Terraform, CloudFront, S3, ECS EC2(Java Spring Boot), ECS Fargate(Java Quarkus), KMS, SQS, Lambda(Python), Elasticache, Kafka, RDS MySQL, DynamoDB, API Gateway, CodeCommit, CodeBuild, CodeDeploy and SQL Server. For API design we work both with Open API 3.0 and RAML 1.0 specifications

For the past two years I have been working on a new Credit product for our Superapp called Credit Profile. Credit Profile allows our customers to check and resolve debts with Itau and other financial institutions, BACEN(Central Bank of Brazil), CPF(individual taxpayer registry in Brazil) and other credit bureaus such as Serasa, Boa Vista and Quod. We have rolled it out to all of our database of 22MM account holders and are currently supporting and improving the experience of the product. Technology stack remains somewhat the same, with emphasis on Java Quarkus ECS, Lambda Python and AWS Step Function for orchestration on the backend.

Junior Software Engineer - Indra Company

May 2017 - Jul 2019 (2 years 4 months)

Designed, developed, and delivered a Gitlab CI/CD pipeline for a Java Web App of the Government of Recife, Brazil, deployed on a JBoss/Wildfly AS container, running customized SAST, DAST, dependency-check, and code quality profile.

I have worked as a consultant for Telefonica to implement their database versioning pipelines. Designing, developing and delivering a stack of Flyway, for migrations management, Jenkins, to run ephemeral Flyway containers and report logs to elastic via logstash plugin, and rocket.chat with hubot integration to start builds and link execution logs to kibana, in a more developer-friendly way.

I have also worked as a consultant for Santander Bank to develop a user management system for their Jenkins platform. The system was developed using Angular 5, Java 8(Java Spring Boot), and MySQL. I have also participated and organized internal DevOps events.

Education

Universidade Anhembi Morumbi

Associate degree, Computer Science

Jan 2015 - Dec 2017

Senai São Paulo

Technical degree, Electrical and Electronics Engineering

Jan 2013 - Dec 2014

Certifications

AWS Certified DevOps Engineer Professional - **Amazon Web Service(AWS)** Aug 2023

Security Engineering on AWS - **Amazon Web Service(AWS)** Jun 2022

Solutions Architect - **Itaú Unibanco(Brasil Open Badge)** Feb 2022

DevOps Engineering on AWS - **Amazon Web Service(AWS)** Nov 2021

AWS Cloud Financial Management For Builders - **Amazon Web Services(AWS)** Aug 2021

Advanced Developing on AWS - **Amazon Web Services(AWS)** Jul 2021

AWS Well-Architected - **Amazon Web Services(AWS)** Jun 2021

Honors & Awards

Honorable mention - **OAS(Organization of American States)** May 2015

ISEF Finalist - **ISEF(International Science and Engineering Fair)** May 2015

Gold Medallist - **FEBRACE(Brazilian Science and Engineering Fair)** Mar 2015

Silver Medallist - **Brazilian Navy Award** Mar 2015

Volunteering

Science Fair Moderator - **FEBRACE(Brazilian Science and Engineering Fair)** Jan 2023

Science Fair Judge - **ABRIC(Associação Brasileira de Incentivo à Ciência)**

Mar 2018 - Mar 2019