Contact

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(LinkedIn)
www.celiovieira.com (Personal)
github.com/celio1878 (Portfolio)

Top Skills

Design
Startups
Infrastructure

Certifications

SQL para Desenvolvedores
Go: The Complete Developer's Guide
AWS Solutions Architect - Associate
Dominando o Apache Kafka

Célio Vieira

Data Engineer | Software Engineer | AWS, NodeJS, Python, Go, Terraform, Apache
Esmeraldas, Minas Gerais, Brazil

Summary

As a Data Engineer at Itaú Unibanco, I design and optimize data pipelines for large-scale processing, leveraging technologies such as AWS Glue, Hadoop, Athena, QuickSight, Redshift, EMR, Kinesis, Apache Spark, and Databricks. My work focuses on ensuring data quality through rigorous testing, improving performance, and driving innovation in data-driven decision-making.

With a background in software engineering, I bring expertise in cloud computing, system design, and software development best practices like TDD and SOLID principles. My ability to bridge software engineering and data engineering allows me to build scalable, high-performance architectures that support analytics, machine learning, and business intelligence.

I hold a specialization in Cloud Computing Process and Architecture from Pitágoras College and am passionate about applying cutting-edge cloud and big data solutions to solve complex problems. Constantly seeking to expand my knowledge, I thrive on learning new technologies and optimizing systems to drive business impact.

Experience

Banco Itaú
3 years 2 months

Data Engineer
January 2025 - Present (8 months)

Designing and optimizing data pipelines for real-time and batch processing using AWS Glue, Hadoop, Athena, QuickSight, Redshift, EMR, Kinesis, Apache Spark, and Databricks. Focused on building scalable, high-performance data solutions while ensuring data quality through rigorous testing and validation. Experienced in big data processing, cloud infrastructure, and

data lake architectures, ensuring efficient data ingestion, transformation, and visualization.

Software Engineer
July 2022 - Present (3 years 2 months)
Brazil

I'm responsible for developing and maintenance software solutions for banking operations. Collaborating with cross-functional teams to gather requirements, design and implement software solutions, and ensure the successful delivery of projects.
Developing and maintaining software solutions for payments service to control whole process, since registering a bill until sharing the receipts.
Participating in the design and development process about services like payments and receipts.
Using my technical expertise to drive innovation and implement best practices in software development.
Design systems and Design Patterns as TDD, BDD, SOLID, YAGNI, DRY.

Languages and technologies:
- AWS
- Node.js
- Python
- Lambda
- SQS
- Api Gateway
- DynamoDB
- Event Bridge

Squadra Digital
Senior Software Developer
April 2022 - July 2022 (4 months)
Belo Horizonte, Minas Gerais, Brazil

Worked as a Senior Software Developer at Squadra Digital, where I played a key role in leading the development and implementation of software solutions about chatbots. Collaborated with cross-functional teams as Frontend, Backend and DevOps.
I had a key position inside the squad, planning and managing the projects.

Languages and technologies:
- Node.js
- Next.js

- AWS
- Amplify
- DynamoDB
- Api Gateway
- S3

Editora Fórum
2 years 4 months

Software Developer
January 2022 - April 2022 (4 months)
Avenida Afonso Pena - 2770 - Belo Horizonte/MG

Worked as a Software Developer at Editora Fórum, where I was responsible
for the manager system.
I worked on event-driven hexagonal architecture and layer architecture
projects in Node.js with a system focus on serverless AWS infrastructure.
I participated in the construction of the bookstore, mainly inside the user's
section flow.
Cross platform approach in Frontend, Backend and DevOps.
ElasticStack was used for content indexing and conducting research and
building dashboards. Project management with Jira, Trello and Github.
Design systems and Design Patterns as TDD, BDD, SOLID, YAGNI, DRY.

Languages and technologies:
- React.js
- Node.js
- Next.js
- AWS
- Api Gateway
- NoSQL
- SQS
- Lambda
- S3
- ElasticSearch
- Kibana

Junior Software Developer
January 2021 - January 2022 (1 year 1 month)
Belo Horizonte, Minas Gerais, Brasil

I worked on event-driven hexagonal architecture projects in Node.js,
serverless AWS infrastructure. Frontend with React/Next.js, using libraries

like ANT Design, MSW, USEFORMS, FORMIK, TAILWIND, AG-GRID. All developments are implemented with TDD, SOLID, Strategy and others. ElasticStack was used for content indexing and conducting research and building dashboards. Project management with Jira, Trello and Github.

Full Stack Developer
January 2020 - January 2021 (1 year 1 month)
Avenida Afonso Pena, 2770 - BH/MG

CIT SENAI
Software Developer
May 2019 - January 2020 (9 months)
Avenida José Cândido da Silveira, 2000 - Horto - MG, Brazil

Working within the Metalmechanic sector, developing projects related to IoT, Industry 4.0 and automation, using ARDUINO, PLC and creating web systems with Javascript, MongoDB and MySQL.

Feed Idiomas
Computer Instructor
November 2018 - April 2019 (6 months)
Rua da Bahia, 905 - 7º andar - Belo Horizonte/MG

Technical support and assistance in guiding students in softwares AutoCad software, Adobe Dreamweaver, Corel Draw, Advanced Office Pack.

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Education

Pitagoras College
Postgraduate Lato Sensu - Specialization, Cloud computing process and architecture · (August 2021 - February 2022)

Pitagoras College
Bachelor Degree, Computer Science · (August 2019 - July 2021)

Centro Universitário Una
Bachelor Degree, Computer Engineer · (August 2013 - June 2019)

SENAI BH CECOTEG
Electrical Installation Process Operations, Electrical and Electronic Engineering · (June 2018 - December 2018)