

Contact

Brazil
contact@cleisson.com

www.linkedin.com/in/cleissonom
(LinkedIn)
cleisson.com (Personal)
github.cleisson.com (Portfolio)

Top Skills

Python (Programming Language)
TypeScript
JavaScript

Languages

Spanish (Professional Working)
English (Full Professional)
Portuguese (Native or Bilingual)

Cleisson de Oliveira Moura

Senior Software Engineer | Node.js, Python & AWS Specialist |
Scalable Systems | Kubernetes | System Design | Building AI-
Powered Products

Brazil

Summary

Senior Software Engineer specializing in backend development, cloud infrastructure, and scalable systems. I work on designing and building production software using Node.js, Python, AWS, Kubernetes, and modern cloud-native technologies. My experience includes:

- Designing scalable backend systems
- Building and managing cloud infrastructure
- Developing APIs and distributed systems
- Working in startup and international environments

Contributing to architecture and technical decision-making. I'm passionate about system design, performance, and building reliable software. Outside of work, I explore new technologies and develop personal projects.

Website: cleissonom.dev
GitHub: github.com/cleissonom

Experience

Productera LLC

1 year 11 months

Senior Software Engineer - Encore Project

July 2024 - Present (1 year 9 months)

United States

- Key Achievement: Led the migration of a Django monolith to a scalable microservices architecture on Kubernetes, modernizing infrastructure and enabling AI-driven capabilities.
- Migrated a Django monolith to microservices using Kubernetes (EKS) and Python, improving scalability and deployment reliability.
- Designed cloud-native services leveraging AWS (RDS, Bedrock, SSM, SQS, EventBridge, EKS).
- Migrated infrastructure from Terraform and Helm to AWS CDK, standardizing infrastructure as code.
- Built and maintained CI/CD pipelines with Octopus Deploy, Kubernetes manifests, and shell automation.

- Architected event-driven systems using SQS, background workers, and Redis for caching and distributed processing.
- Developed AI-powered features including audio transcription, content highlighting, and data transformation.
- Integrated LLM providers such as OpenAI, Perplexity, and Anthropic (via Bedrock) for analysis, summarization, and automation.
- Designed scalable architectures, defined service boundaries, and led implementation planning.
- Collaborated on user-focused features, ensuring performance, compliance, and reliability in production environments.

Software Engineer - ThirdEdition Project

May 2024 - July 2024 (3 months)

United States

- Key Achievement: This project provided invaluable experience in technology decision-making, comprehensive system infrastructure planning, and front-end development.

- Planned and structured the system infrastructure using AWS services.
- Employed Terraform to manage and control the AWS infrastructure development.
- Developed the entire front-end structure and made all technology decisions.
- Contributed to backend development.

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Software Engineer

July 2023 - February 2025 (1 year 8 months)

Brazil

- Key Achievements: This experience in an early-stage startup taught me a lot about launching a product and ensuring its success.

- Reached over 2,000 active users within just few months.
- Introduced innovative features, ensuring continuous app development.
- Led strategic planning and collaborative project ideation.
- Engaged in all development phases, enhancing user engagement and app growth.
- Successfully integrated payment gateways and chat functionalities.
- Improved user flow and recommendations through the use of graph databases.
- Delivered a robust and scalable cloud infrastructure using AWS.

- Leveraged AWS services, including AI for photo processing (age verification, facial recognition).

Avanti E-commerce & Digital Marketing

Software Engineer

February 2024 - May 2024 (4 months)

Florianópolis, Santa Catarina, Brazil

Avanti E-commerce & Digital Marketing

1 year

Software Engineer

January 2023 - July 2023 (7 months)

Florianópolis, Santa Catarina, Brazil

- Key Achievements: Successfully Developed and Deployed a Mobile Applications for Major Brands.

- Developed and maintained software for 150+ users, including applications for GOL, Copenhagen, Intelbras on App Store and Play Store.
- Working with Django, DRF to build and maintain an API. Using PostgreSQL and Heroku to manage data.
- Integrating external tools like Firebase Analytics, VTEX Orders, WordPress, and RD Station.
- Creating a notification system for the applications, using AWS SNS and SES, Celery and FirebaseCM.

Intern Software Engineer

August 2022 - January 2023 (6 months)

Florianópolis, Santa Catarina, Brazil

- Key Achievements: Acquired knowledge and member of the research, development and innovation team.
- I worked for a while with the VTEX framework for e-commerce development.
- Responsible for developing a mobile application from scratch.

Education

IFSC - Instituto Federal de Santa Catarina

Bachelor of Technology - BTech, Information Technology Management · (April 2022 - July 2024)