

Eduardo Schrotke

AI Developer with experience in AWS and Machine Learning. Focused on automation and data analysis.

<https://drdssouza.github.io/Portfolio/>
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PROFESSIONAL EXPERIENCE

Compass UOL — AI Developer

Jun/2024 - Present

- . Development of AI solutions using AWS Bedrock..
- . Integration of services such as Lambda, S3, and DynamoDB for automation.
- . Collaboration on projects with optimized deliveries for efficiency.

Compass UOL — Scholarship Program

Fev/2023 - Jul/2023

- . Intensive training in cloud computing with Python and AWS..
- . Practical projects under technical mentoring.

PROJECTS

Verbal Aggression Detection — 1 month

- . Real-time video analysis platform with dialogue extraction via AWS Transcribe and aggression analysis using Claude Sonnet 3.5 (81% accuracy).
- . Results delivered on the platform and via email.
- . Technologies: AWS (S3, Lambda, CloudFront, Amplify, Transcribe, DynamoDB, Bedrock).

Writing Tutor — 2 months

- . System for handwritten text extraction and automated correction, achieving 83% accuracy.
- . Generation of reports and final grades using Claude Sonnet 3.5.
- . Technologies: AWS (S3, Lambda, CloudFront, Amplify, DynamoDB, Bedrock).

EDUCATION

Software Engineering, Unicesumar

Mar/2022 - Present

Bachelor's degree in progress, with a focus on software development.

PROFESSIONAL COURSES

Data Science Full Stack, Escola DNC

Aug/2023 - Mar/2024

Practical course in Python, Machine Learning, SQL, and AWS, with an applied project.

SKILLS

Python (Pandas, NumPy).

Machine Learning
(Scikit-learn).

AWS (S3, Lambda, Bedrock).

AI.

SQL.

HTML.

JS.

Scrum.

Big Data.

LANGUAGES

English: Intermediate