

DANIEL CRUZ RODRIGUES

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PERSONAL PROFILE

Specialized professional in Data Engineering and Cloud Engineering, with a focus on scalable and high-performance solutions in Cloud environments (AWS). Experienced in Big Data, Data Lakes, Spark, pipeline automation, and Infrastructure as Code (IaC), optimizing costs and processes in complex projects for large financial institutions. Strong background in Cloud Architecture, distributed systems, containerization (Docker, Kubernetes), and designing resilient, secure, and cost-efficient cloud solutions.

QUALIFICATIONS

▪ AWS Certified DevOps Engineer - Professional	2025
▪ AWS Certified Solutions Architect - Professional	2025
▪ AWS Certified Data Engineer - Associate	2024
▪ AWS Certified Solutions Architect - Associate	2024
▪ Postgraduate Degree in Cloud Computing	2025
▪ Bachelor's Degree in Systems Analysis and Development – Descomplica Faculdade Digital	2024

EXPERTISE, KEY SKILLS & COMPETENCIES

- Hands-on experience in supporting, automating, and optimizing cloud solution deployments, leveraging configuration management, CI/CD, and DevOps processes.
- Cloud Architecture on AWS with focus on scalability, cost optimization, and high availability.
- Data Engineering expertise in Big Data, Data Lakes, Spark, AWS Glue, and EMR.
- CI/CD and DevOps practices with GitHub Actions, GitLab CI, Terraform, and Infrastructure as Code (IaC).
- Advanced monitoring and observability using Datadog, Prometheus, and Grafana.

CAREER TO DATE

Senior Data Engineer – NTT DATA

Mar 2025 – Present

- Creation and optimization of a Data Lake with 20M+ rows, using Spark, AWS Glue, EMR, and Step Functions.
- Implementation of unit tests and automated validations (TAAC) within data pipelines.
- AWS Cloud Architecture focused on cost reduction, scalability, and operational efficiency.
- Mentorship and technical guidance for junior and mid-level engineers, fostering skill development and knowledge sharing.
- Participation in technical interviews and candidate evaluation, contributing to hiring decisions and team growth.
- Provision of expert-level technical support and troubleshooting for complex data and cloud challenges.

Mid-Level Data Engineer – NTT DATA

May 2024 – Mar 2025

- Creation and optimization of a Data Lake with 20M+ rows, using Spark, AWS Glue, EMR, and Step Functions.
- Advanced monitoring with Datadog, Prometheus, and Grafana.
- AWS Cloud Architecture focused on cost reduction and efficiency.
- Collaboration with DevOps practices, including Infrastructure as Code (IaC), automated deployments, Github Actions and pipeline reliability improvements.

EARLIER CAREER SUMMARY

Mid-Level Data Engineer – PowerOfData

Jun 2023 – Mar 2024

Junior Data Engineer – PowerOfData

Jun 2022 – May 2023