



Rodrigo Araujo

Spatial Intelligence Specialist
GIS Automation • Geospatial Data Engineering

CONTACT

Location

Rio de Janeiro, Brazil

Citizenship

Brazilian and Portuguese

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LinkedIn

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Languages

Portuguese native • English B2 • Spanish basic

TECHNICAL STACK

ArcGIS Enterprise

ArcGIS Pro

Python

ETL

Spatial Databases

Dashboards

BI

CORE DOMAINS

GIS

Spatial analysis, geoprocessing and territorial intelligence.

QA

Geospatial data validation, traceability and technical acceptance.

DE

Data engineering, process automation and decision support workflows.

EDUCATION

IT Management

Estácio • Completed

MBA Web Intelligence

COPPE UFRJ

MSc GIS and Remote Sensing

Universidade Nova de Lisboa

Bachelor in Geography

UFRJ

Transforming territorial data into geospatial solutions for decision making.

Geographer with an MSc in GIS and Remote Sensing, working across spatial intelligence, geospatial data engineering, automation and environmental analysis. Experience in public safety, territorial governance, offshore environmental licensing and corporate GIS environments.

APPLIED APPROACH

Validation before acceptance

Created a repeatable process to check geospatial deliveries before approval, reducing manual review and improving traceability.

Documents into data

Designed automation solutions to convert complex datasets into structured information, improving efficiency, traceability and data quality.

Territory as evidence

Used spatial methods to organize complex territorial problems and support decisions in public safety, education and environmental management.

PROFESSIONAL EXPERIENCE

Capco • Geographer

2026 • Present

Petrobras environmental licensing and offshore operations support

- Support environmental licensing, geospatial data governance and spatial analysis for offshore exploration and production activities.
- Develop geospatial products, environmental assessments and territorial analyses for regulatory compliance, monitoring and decision support.
- Created a Python toolbox in ArcGIS Pro to automate technical validation of geospatial deliverables from contractors.
- Generate technical and management reports to support acceptance decisions, correction requests and traceability of geospatial data issues.

MPRJ • Senior Geoprocessing Advisor

2017 • 2026

Public sector spatial intelligence, data science and institutional decision support

- Served as a senior geospatial specialist within a multidisciplinary Data Science team, supporting public safety, education, environmental protection and territorial governance.
- Developed spatial intelligence products, thematic datasets, dashboards and GIS services for evidence based institutional decision making.
- Implemented data integration, automation and ETL workflows to improve reliability and scalability of geospatial information management.
- Acted as Technical Contract Manager for ArcGIS Enterprise, monitoring compliance, service delivery and alignment with institutional requirements.

ACV Tecline • IT Analyst

2016 • 2017

Enterprise GIS data management and solution support

- Contributed to GIS project lifecycles involving requirements gathering, data modeling, database management, technical implementation and documentation.

Fototerra • Geographer

2015 • 2016

Petrobras environmental monitoring and offshore GIS support

- Supported environmental monitoring and licensing activities for Petrobras offshore exploration and production operations.
- Developed geospatial databases, thematic maps and spatial analyses for offshore infrastructure, field data and environmental contingency planning.