



# Cheikh Ndiaye

**Sr Spatial Data Analyst | Data Engineer | AWS AI Practitioner | Geospatial Analytics Specialist**

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## PROFILE

Experienced Sr Spatial Data Analyst and Data Engineer based in Île-de-France, specializing in end-to-end machine learning solutions, spatial analytics, and cloud-based data platforms. Strong background in geography, GIS, geomarketing, data quality, map operations, automation, and production ML.

### CORE SKILLS

Python • SQL • PostgreSQL • AWS Lambda • SQS • Docker • Bedrock • SageMaker • BERT • Transformers • NLP • Geospatial Analytics • GIS • Geography • Geomarketing • Tableau

### CERTIFICATIONS

AWS Certified AI Practitioner  
Microsoft Certified: Azure Fundamentals

### LANGUAGES

French • English

### EXPERIENCE HIGHLIGHTS

**HERE Technologies** — Sr Spatial Data Analyst, Analytics Foundation Tools Team. Production data engineering and ML with PostgreSQL, AWS Lambda, and automated orchestration. Geospatial and map operations with long experience in geographic analysis, map content operations, spatial data maintenance, quality control, and cross-functional collaboration. ML and automation work including BERT models, prioritization workflows, and cost optimization through pipeline improvements.

### EDUCATION

Université Paris-Est Créteil (UPEC)  
Master 2 Géomarketing et stratégies territoriales des entreprises

### INTERESTS

Travel • Cultural discovery • Football

## CONTACT

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Available for data engineering, geospatial analytics, and AI-focused opportunities.