





Jamal Ehsanpour

Cloud & Data Engineer


Cloud and data engineer with 3 AWS certifications and expertise in building scalable data pipelines. Specialized in AWS services (CloudFormation, DMS, Glue, Athena, S3, Lambda, DynamoDB, EC2), Python automation, and geospatial data analysis. Proven ability to optimize data workflows and implement cloud solutions for research and industry applications.

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 Italy

 3406359168

Languages

English
Bilingual or Proficient (C2)

Italian
Intermediate (B1)

Persian
Native

Kurdish
Native

Computer skills

AWS

Python (Advanced)

Linux

Git

SQL

Bash

MongoDB

Pyspark


General skills

Adaptability

Team work

Problem solving

Social networks

 Jamal-Ehsanpour



Work experience

Data Engineer (Researcher)

July 2023 - Dec. 2024

University of Bologna, Bologna, Italy

- Designed AWS cloud architecture for research data
- Automated data collection pipelines using Python (Selenium, Requests)
- Implemented data governance policies for sensitive research datasets
- AWS S3, IAM users, Rekognition, Boto3, DynamoDB.

Data Engineer (Internship)

Oct. 2021 - Apr. 2022

Gecosistema, Rimini, Italy

- Geospatial python programming
- Building data pipelines and ETL
- Working with ArcGIS Software
- Flood Hazard Modeling

Academic Service (Part-time Job)

Sept. 2020 - Nov. 2021

University of Bologna, Bologna, Italy

- Member of Safety group during Covid-19 pandemic

Internship Student

Aug. 2015 - Sept. 2015

Esfahan Oil Refining Company, Isfahan, Iran

- Learning principles of refinery
- Being familiar with teamwork

Education

Master of Science: Environmental Engineering

Mar. 2023

University of Bologna, Bologna, Italy

Thesis: "High-Resolution Flood Hazard Modeling" using a Global Hydrological and Resources model (PCR-GLOWBWB 2)

GPA: 103/110

Bachelor of Science: Petroleum Engineering

Oct. 2014

University of Tehran, Tehran, Iran

Certifications & Courses

- AWS Data Engineer Associate (2025)
- AWS Solutions Architect Associate (2024)
- AWS Cloud Practitioner (2024)
- Data Engineer - DataCamp 2023
- Database Design - DataCamp 2023
- Introduction to Git - DataCamp 2023
- Database Design with SQL - DataCamp 2023