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Big Data Engineer with 8+ years of experience building scalable cloud-based data platforms using **AWS, Spark (PySpark), Python, SQL, and Airflow**, with strong ETL/ELT and CI/CD expertise

Igal Emona
Big Data Engineer

Cloud Platforms
AWS, GCP

Databases
Snowflake, BigQuery, Hive, Glue, Postgres, MySQL, Aerospike, SQL server, Oracle

Programming Languages
Python, SQL, JavaScript, C#

Pipelines Orchestrator
Airflow, Cron, UC4, Control

Monitoring
Great Expectations
SODA
CloudWatch / CloudTrail
Grafana
DataDog

DevOps & CI/CD
Git, Docker ,Jenkins, Pulumi, Ansible

Data Visualization:
Tableau
Looker (Google Studio)
Qliksense

AI Tools
MCPs, Agents, APIs

Languages
Hebrew – Native
English – Fluent

Big Data Engineer
BigaBid, Israel
Mar 2025 – Present

- Designed and implemented scalable **Big Data pipelines on AWS** for high-volume analytical workloads
- Developed **ETL / ELT processes** using **AWS Glue, Athena, S3, and EMR (EC2 & Serverless)**
- Built distributed data processing jobs using **Apache Spark (PySpark)**
- Implemented orchestration and monitoring using **Apache Airflow, CloudWatch, and Grafana**
- Integrated event-driven components using **AWS SQS and Lambda**
- Applied **CI/CD and DevOps best practices** with Git-based workflows and automated deployments

Senior Data Engineer
Tango Me, Israel
Feb 2024 – Mar 2025

- Own end-to-end data features from design and architecture through development and deployment
- Build and maintain high-scale data pipelines using **Python, SQL, Airflow**, and cloud-native services
- Process high-volume streaming and batch data using **Kafka, and DataStream**.
- Work extensively in **GCP environments** (BigQuery, BigTable, Cloud Storage)
- Implement CI/CD pipelines and containerized deployments using **Docker**
- Collaborate cross-functionally to deliver reliable, scalable, and production-ready data solutions

Data Engineer
Skai, Israel
May 2021 – Jan 2024

- Developed end-to-end **ETL pipelines** in **AWS** supporting large-scale data platforms
- Built complex **SQL transformations** and dimensional models for analytics and BI use cases
- Worked with **Snowflake, PostgreSQL, MySQL, Hive**, and MemSQL
- Implemented orchestration using **Apache Airflow**
- Led deployment and ownership of **Tableau Server on cloud** as a cross-company initiative
- Supported CI/CD pipelines using **Jenkins, Docker, Pulumi, and Ansible**

BI Team Leader
Bezeq, Israel
Oct 2019 – April 2021

- Led and managed the BI team, including roadmap planning and stakeholder management
- Hands-on development of **ETL / ELT solutions** and BI infrastructure
- Mentored team members and improved data quality and analytics capabilities

2001 – 2007	UAV RF Data communication network, IAF

2018	Big Data Architecture Course, John Bryce
1998 – 2001	Practical engineer, Ort Singalowski Technical Institute, Tel-Aviv.