ALEXANDROS CHIONIDIS

Data Engineer

🤖 CV Chatbot

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CERTIFICATIONS

Snowflake Data Engineering Specialization
Snowflake, offered by Coursera (2025)

Google Advanced Data Analytics Specialization
Google, offered by Coursera (2024)

Google Data Analytics Specialization
Google, offered by Coursera (2023)

Modern Big Data Analysis with SQL Specialization
Cloudera, offered by Coursera (2022)

Pedagogical and Teaching Competence
University of Athens (2022)

SKILLS

Technical Ownership

Stakeholder Communication

Problem Solving & Critical Thinking

Cross-Functional Collaboration

Product-Oriented Thinking

Collaboration & Knowledge Sharing

LANGUAGES

English: Fluent
(ECCE, University of Michigan, 2011)

Greek: Native proficiency

RESUME OBJECTIVE

Detail-oriented Data Engineer with 4 years of hands-on experience designing and maintaining scalable data pipelines in on-premise big data environments. Skilled in leveraging tools like Python, SQL, Hadoop ecosystem, and Spark to deliver innovative, data-driven solutions. Passionate about transforming complex datasets into actionable business insights and actively expanding expertise with cloud technologies, including Google Cloud Platform.

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HARD SKILLS

Languages:	Python, SQL, Scala, Bash/Shell scripting, R
Big data tools:	Hadoop, Spark, Airflow, Kafka, Sqoop
Databases/Engines:	Hive, Delta Lake, Cassandra, Trino (Presto), Impala, Snowflake, PostgreSQL, MySQL
Data visualization:	OAS (Oracle Analytics Server), Tableau, Superset
ML libraries:	Scikit-learn, TensorFlow
OS:	Microsoft Windows, Unix/Linux (Ubuntu, MacOS)
Other:	Agile methodologies and tools (Scrum, Jira, Kanban) Version Control (Git) MS Suite (Proficient Word, Excel)

EXPERIENCE

2023 - Present   Data Engineer | Waymore

- Designed and built the core data lakehouse architecture for the Waymore platform, enabling scalable event ingestion via Kafka and Spark into Delta tables on HDFS. Implemented real-time user behavior analytics and dynamic segmentation using Delta Lake and Trino, powering omnichannel campaign preparation and customer insights.
- Led the migration and unification of telecom data (SMS, Voice, Viber, email cdrs) from AMD Telecom and Routee into a Hadoop-based data warehouse, enabling consistent reporting and centralized analytics.
- Owned and led the development of BigParser, a large-scale web crawling and ingestion system built with Scrapy and Frontera to collect data from any given web domains. Designed the data pipeline using Kafka and Spark for processing and stored the output in Cassandra. Managed the team responsible for scraping and ingestion workflows, with outputs powering domain and company profiling as well as custom chatbot development.
- Handle the organization and processing of diverse data using big data technologies, Kafka, Delta Lake, and Cassandra, generating actionable insights for marketing and HR platform optimization.
- Acted as a bridge between software engineers and data operations, ensuring efficient use of the data infrastructure.
- Ensured data integrity through rigorous validation and quality assurance processes.

2021 - 2023:   Data Engineer | Netcompany-Intrasoft

- Spearheaded data engineering projects for Morocco Telecom, focusing on data warehousing and data science use cases.
- Executed ETL operations utilizing Impala, Hive, and Spark, while ensuring pipeline automation for efficiency and reliability.
- Conducted feature engineering and selection, contributing significantly to the development of robust data models.
- Provided 24/7 weekend support to meet SLA requirements, ensuring uninterrupted data pipeline operations alongside sysadmins.
- Collaborated closely with clients to understand business needs, translating them into effective technical solutions that align with the company's strategic goals.

2015 - 2019:   Retail Store Manager | Independent business, Athens

- Managed day-to-day operations and ensured a high level of customer satisfaction in a fast-paced retail environment.

EDUCATION

University of Athens, Athens, Greece
Bachelor of Science in Informatics and Telecommunications (CS Focus)
2014 - 2022