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INTRODUCTION

Data & AI Engineer with 6+ years' experience designing and delivering end-to-end AI solutions in banking, telecom and retail. Combines strong technical depth with business acumen from an MSc in Business Administration to translate complex data problems into measurable business outcomes. Demonstrated expertise in RAG systems, scalable data engineering pipelines and providing technical leadership to junior/mid level team members, with award-winning work recognized at the BITE Awards 2025 and selection to Accenture's EMEA Dream Team 2025. Brings broad, hands-on experience across the full data science lifecycle, from AI and LLMs to analytics and data visualization.

EXPERIENCE

Data Scientist (AI/LLMs)

April 2023 - Present

Accenture | Athens, Greece

- Developed and enhanced RAG chatbot for major Greek bank, implementing multilingual capabilities through English language pipelines, Azure vector database solutions for document scraping and processing, and mobile application integration. Automated comprehensive testing frameworks using AI Foundry to evaluate chatbot response quality. Automated chatbot analytics reporting using traditional NLP/ML techniques including BERT-topic modeling. Managed and mentored team of 2 junior data scientists. Solution recognized with 2 Bronze Awards at BITE Awards 2025. Developed an MCP server solution for internal bank operations, creating the foundational backend needed to support employee-facing AI tools..
- Developed a RAG system using Azure OpenAI and Cognitive Search to deliver intelligent, context-aware responses for the chatbot of an Abu Dhabi based airline company. Automated the document processing pipelines for embedding generation and semantic search integration. Built and deployed custom evaluation frameworks to rigorously test model performance ensuring high accuracy, relevance and continuous improvement of AI-generated responses.
- Developed and optimized ETL processes using Python, Airflow, DBT, and Snowflake, achieving seamless data migration for a major telecom provider in Greece. Ensured high accuracy and efficiency in data workflows through active participation in testing, validation, and resolution of critical data discrepancies, significantly optimizing system performance. Provided post-production support and collaborated closely with the client (telecom provider), monitoring and maintaining system stability, addressing issues promptly, and contributing to the tech debt team to enhance long-term maintainability and performance. Automated monitoring using Python scripting.

Technologies used: Python, SQL, Airflow, DBT, Snowflake, Jenkins, Azure OpenAI, AI Foundry, Azure Cognitive Search, Git, Azure DevOps, Jira, Pandas, NumPy, Scikit-learn, PyTorch, Langchain, LangGraph, NLTK, Transformers, Pinecone, FAISS, CrewAI, Agentic AI, Kubernetes, FastAPI

Data Engineering Consultant

Sep. 2021 - April 2023

D ONE | Athens, Greece

- Collaborated with major Swiss and German clients across industries, including pharma, retail, and manufacturing, to develop tailored Power-BI dashboards and automate reporting processes, enabling data-driven decision-making and operational efficiency.
- Integrated television usage data into SQL Server DWH for a telecom provider, enhancing data accessibility and analysis.
- Automated infrastructure management using Terraform in Azure, deployed applications with Kubernetes, and managed APIs through Azure API Management, improving deployment efficiency and system scalability.

Technologies used: Power BI, SQL, Terraform, Kubernetes, Azure API Management, Python, Pandas, NumPy, Scikit-learn, Jira, Git, AWS, GCP

Software Engineer

Dec. 2020 - Sep. 2021

Hellenic Army IT Support Center | Athens, Greece

- Fulfilled my mandatory military service as a Private, serving as a software engineer for the Hellenic Army. Developed new features for the IT Healthcare System used in military hospitals, primarily using PHP and React. Managed cybersecurity monitoring with tools such as Splunk and Nessus, and maintained content for the official website (army.gr) using Joomla.

Technologies used: PHP, React, Splunk, Nessus, Joomla, Jira, Git

Business Intelligence Developer

Nov. 2018 - Nov. 2020

Graduateland | Copenhagen, Denmark

- Designed and implemented data extraction, analysis, and machine learning solutions to drive business insights and support data-driven decision-making. Managed and enhanced the company's web crawler system, significantly increasing the volume and quality of job postings on the platform. Collaborated with cross-functional teams to deliver actionable analytics and improve platform performance.

Technologies used: Python, MySQL, JavaScript, Pandas, NumPy, Scikit-learn, Jira, Git

International Agent Support (french)

Dec. 2016 - Aug. 2018

Western Union | Athens, Greece

- Served B2B clients—including banks, post offices, and financial institutions—in French-speaking EMEA countries, providing support for transaction processing and technical issues. Ensured high-quality service delivery by resolving complex inquiries and maintaining strong client relationships in a fast-paced, multilingual environment.

Technologies used: Salesforce, AS400, MS Office

Software Engineer

Jul. 2015 – Dec. 2016

Emron Consulting | Athens, Greece

- Developed and maintained the company's CRM/ERP software solution sold to clients, primarily using Java. Also created custom internal tools in PHP and delivered WordPress websites for clients, ensuring robust, tailored solutions to support diverse business operations.

Technologies used: Java, PHP, WordPress, SQL, Adobe Photoshop

EDUCATION

Copenhagen Business School | MSc in Data Science & Business Administration | 2018 - 2020 |

Thesis: Optimizing Pricing Models in Online Advertising using Machine Learning

Collaborated with Denmark's largest publishing house "Ekstra Bladet" to optimize reserve prices in online advertising using machine learning. Achieved increased revenue during the testing phase.

Athens University of Economics and Business | BSc in Computer Science | 2011 - 2016

National & Kapodistrian University of Athens | Advanced Professional Program in Real Estate | 2024

CERTIFICATIONS

- Certified Generative AI Engineer Associate** | Databricks | 2025
- Power BI Data Analyst Associate** | Microsoft | 2022
- Programming Mobile Services for Android** | Vanderbilt University | 2014

SKILLS

- Programming languages/frameworks:** Python | SQL | PHP | Javascript | Java | PySpark | ReactJS | Flutter | FastAPI
- ETL & Data Engineering:** Airflow | DBT | Snowflake | SSIS
- AI & Machine Learning:** Pandas | Neural Networks | NumPy | TensorFlow | PyTorch | Scikit-learn | Langchain | NLTK | Azure OpenAI | Pinecone | FAISS | Transformers | CrewAI | Agentic AI | MCP
- Tools:** Git | PowerBI | Tableau | Kubernetes | Docker | Terraform
- Cloud Platforms:** Azure | AWS | GCP
- Languages:** Greek(native) | French(native) | English(C2) | Spanish(B2)