

PROFILE

Data Engineer with a strong background in software development and system integration, bringing more than 15 years of experience in building reliable data solutions. In recent years I have specialized in designing and maintaining data pipelines, API integrations, and database engineering, with a focus on Python and SQL.

I have hands-on experience with relational databases (SQL Server, Oracle), as well as NoSQL technologies such as MongoDB. My expertise covers ETL processes, reporting (SSRS), and automation of data workflows and operational tasks to improve efficiency and reduce errors.

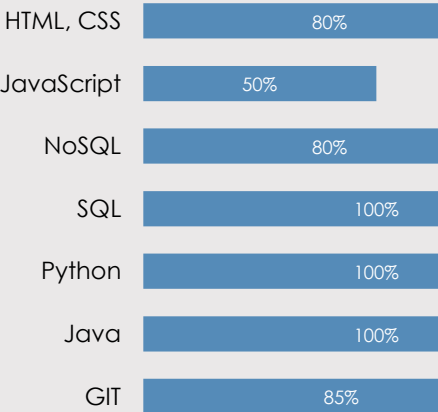
My work often involves connecting systems through RESTful and SOAP APIs and ensuring smooth data exchange, especially in public sector and financial projects. I value collaboration with engineers, analysts, and business teams to deliver practical, scalable solutions that support decision making and day-to-day operations.

CONTACT

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[Linkedin](#)
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SKILLS



KITSAKIS MICHALIS

DATA ENGINEER | SOFTWARE & API INTEGRATION SPECIALIST

EDUCATION

Hellenic Open University
October 2019 - May 2024
Master in Information Systems

ASETEM-SELETE
October 2001 – October 2007
Degree in Electronic Engineering Education

EXPERIENCE

Quant - Data Engineer
Jun 2024 - Present

- Developed and maintained automated data pipelines in Python and SQL, supporting daily reporting and reducing manual work.
- Integrated SOAP APIs for data exchange with public sector platforms (Law4738, Law4605).
- Designed secure RESTful API endpoints for external partners, ensuring compliance with data security standards.
- Implemented database transformations, validations, and batch processes handling large volumes of records.
- Automated SSRS report generation to streamline recurring reporting tasks.

HDB - Software Engineer
August 2022 - May 2024

- Developed and consumed RESTful APIs for system-to-system integration (KE.D).
- Designed and optimized SQL Server and Oracle databases to support operational and analytical needs.
- Automated workflows using Python and Power Automate, reducing repetitive manual processes.
- Prepared, cleaned, and transformed datasets using KNIME, SSIS and Alteryx to support reporting and analytics.
- Delivered business and operational reports for decision support.

COMTEL S.A - Software Engineer
November 2010 - August 2022

- Developed firmware and designed prototype PCBs for Barix modules enabling broadcast audio and control over IP.
- Built desktop and web applications to control devices via serial and IP (TCP/UDP).
- Designed SQL-based databases for internal tools and data entry systems.
- Created Android app for audio streaming and remote device control.
- Automated workflows for component ordering and inventory tracking, improving efficiency and reducing manual effort.

NCSR 'Demokritos' Electronic Engineer
August 2009 - October 2010

- Provided technical support for high-tech laboratory equipment (ion implantation machine - Eaton NV3204)

CERTIFICATIONS

Professional Diploma in Data Analytics
July 2024
The American College of Greece (Deree) & Big Blue Data Academy GmdH

Data preparation, manipulation & transformation with Alteryx
June 2023