

## PROFILE

Experienced Software Engineer and Data Engineer with over 15 years of experience in software development and system integration, including recent specialization in data pipelines, API-based interoperability, and database engineering. Proven track record of designing and delivering robust backend systems, developing RESTful and SOAP APIs, and automating complex workflows using Python and SQL.

Skilled in relational database design (SQL Server, Oracle), ETL processes, and reporting solutions (SSRS). Adept at collaborating within cross-functional teams of engineers, analysts, and business stakeholders to deliver scalable and reliable data-driven solutions. Comfortable working across embedded systems, desktop, web, with a strong focus on performance, maintainability, and public sector integrations.

## CONTACT

Mobile:  
6981997400

[Linkedin](#)  
[Github](#)  
[Web site](#)  
[Email](#)

## SKILLS

HTML, CSS	80%
JavaScript	50%
NoSQL	80%
SQL	100%
Python	100%
Java	100%
GIT	85%

# KITSAKIS MICHALIS

SOFTWARE ENGINEER

## EDUCATION

### Hellenic Open University

October 2019 - May 2024

Master in Information Systems

### ASETEM-SELETE

October 2001 – October 2007

Electronic Engineering Educator

## EXPERIENCE

### Quant Data Engineer

August 2024 - Present

- Developed and maintained automated data pipelines using Python and SQL to support internal workflows and reporting.
- Consumed and integrated SOAP APIs for data exchange with public sector platforms (e.g. Law4738, Law4605).
- Implemented secure RESTful API endpoints for external platforms.
- Built internal tools for generating and sending SMS notifications based on system events.
- Designed and executed database operations for data transformation, validation, and batch processing.
- Generated SSRS reports.

### HDB Developer

August 2022 - May 2024

- Developed and consumed of RESTful APIs for system integration (e.g. KE.D).
- Designed and maintained SQL Server / Oracle databases.
- Automated processes using Power Automate and Python.
- Prepared and transformed data using workflow automation and visual analytics tools (KNIME, SSIS, Alteryx) for analytics / reporting.
- Generated business and operational reports.

### COMTEL S.A Software Engineer

November 2010 - August 2022

- Developed firmware for Barix modules enabling broadcast audio over IP.
- Designed and prototyped PCBs for embedded audio/control devices.
- 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.
- Developed productivity tools to support hardware testing and configuration.

### NCSR 'Demokritos' Electronic Engineer

August 2009 - October 2010

- Technical support and operation of ion implantation machine (Eaton NV3204)

## CERTIFICATIONS

### Professional Diploma in Data Analytics

July 2024

The American College of Greece (Deree) & Big Blue Data Academy GmdH