

# Mihalis Papakonstantinou

## Contact



+30 6973297434



mihalispapak@gmail.com



Attikis 85, 165-62,  
Glyfada, Greece



[mihalispapak](#)



[mihalispap](#)



[mihalispapak](#)

## Awards

19/03/2021

Parma,  
Italy

2nd place in [EFSA's Fake News Hackathon](#)

20/11/2019

Athens,  
Greece

1st place in [NBG Word embedding Challenge](#)

29/10/2019

Amsterdam,  
Netherlands

[Cluster Awards \(Technology Innovation\)](#), awarded by Elastic for the [Elastic Stack usage within FOODAKAI](#)

18/11/2016,  
02/12/2016

Athens,  
Greece

1st place in CAPSELLA Hackathon, [A mobile app for receiving early food safety notifications related to products](#)

29/06-01/07/2016

Montpellier,  
France

1st place in 1<sup>st</sup> AgroHackathon, [Data extraction and Semantic annotation from bibliographical resources](#)

## Certificate(s)

**Advanced Data Engineering,**  
**Apache Kafka, Code.Hub**

**Professional Scrum Master**  
**(PSM), EMPEDUS P.C.**

## Professional Experience

04/2019 – Present

Athens, Greece

### Data Engineer / Team Leader at Agroknow

Development of Agroknow's Data Platform, a system following the microservice architecture responsible for gathering agriculture-related data from various sources

Implementation of ETL workflows for the collection, transformation, enrichment, storage and publishing of through REST Services

#### Technologies/Frameworks

Storage Engines: Elastic Stack, MongoDB, Cassandra, Redis, MySQL, GraphDB

PLs/Frameworks: Java, Python, PHP, Spring {Boot, Data}, Flask, Django, Kafka

09/2018 – 03/2019

Athens, Greece

### Software Engineer at DoubleIP

Development of Spot Management System for TV channels: Star, Alpha

#### Technologies/Frameworks

Storage Engines: MySQL

PLs/Frameworks: Java, Apache Karaf, Hibernate, Apache Camel, Spring Boot

05/2017 – 08/2018

Athens, Greece

### Software Engineer at Eurobank

Development of internal DMS system (namely ESCAPE)

#### Technologies/Frameworks

Storage Engines: SQL Server

PLs/Frameworks: Hibernate, Apache Camel, J2EE, Spring, JSF

10/2016 - 03/2019

Athens, Greece

### Data Engineer at FOODAKAI

Development of [FOODAKAI](#), a multi-source food safety early warning system

Implementation of backend workflow for the collection/crawling, transformation, storage and publishing through API of food safety recalls

#### Technologies/Frameworks

Storage Engines: Elastic Stack, MongoDB, Cassandra, Redis, MySQL, GraphDB

PLs/Frameworks: Java, Python, PHP, Spring {Boot, Data}, Flask

CMS: Drupal

## Education

### UoA / MSc Information and Data Management

GPA: 8.88

Thesis: A Hybrid Approach to Recommendation Systems using Multiple Criteria

### UoA / BSc Informatics and Telecommunications

GPA: 7.26

Focus: Computer Systems

## Publications

Mihalis Papakonstantinou and Alex Delis. **PolyRecs: Improving Page-View Rates Using Real-Time Data Analysis**. In Proc. of the 2016 BIRTE Workshop, New Delhi, 2016.

Stavros Vassos and Michail Papakonstantinou. **The SimpleFPS Planning Domain: A PDDL Benchmark for Proactive NPCs**. In Proc. of the 2011 AIIDE Conference, Stanford CA, 2011.

## Languages

greek, english (C2), french (B1)

## Mobile Apps

[Dendrologio](#), an application used to record and represent geographical information, capable of working offline

[Priti](#) (available on Google Play and iTunes), a high-end beauty and fitness app enabling users to book appointments with professionals of their choice anytime, anywhere in Mykonos

01/2016 – 05/2017

Athens, Greece

### Data Engineer at Agroknow

Participation in the EU-funded projects: [Big Data Europe](#), [OpenMinTeD](#), [CAPSELLA](#), [Freme](#)

Processing/Indexing of [AGRIS](#) records

Development of CIMMYT MetaSearch API, [TAPipedia](#) (G20 initiative)

Technologies/Frameworks

Storage Engines: Elastic Stack, Memcached, MySQL, GraphDB, Virtuoso

PLs/Frameworks: Java, PHP, Spring {Boot, Data}

CMS: Drupal

04/2013 – 12/2015

Athens, Greece

### Fullstack Engineer at AthensVoice

Development of AthensVoice.gr, BestOfAthens.gr

DevOps tasks

## Misc/Side Projects

09/2022 – 09/2023

Amsterdam

### Data Engineer at Promaton

Implementation of the data lake for storing and making available medical data on CBCT and IOS dental scans

09/2021 – Present

Luxembourg

### Expert Evaluator at European Commission

External tech evaluator for newly submitted proposals, mid and final reviews for EU funded projects

05/2021 – 02/2022

Nicosia, Cyprus

### Backend Engineer at WiRE FS

Implementation of backend engine collecting data on real-estate to predict the sale price of houses/apartments/etc

07/2020 – 08/2020

Athens, Greece

### Elasticsearch Engineer at Causaly

Consulting/implementation on performance issues of Elasticsearch deployment

10/2015 – 12/2015

Ioannina, Greece

### Fullstack Engineer at Forestry Service of Ioannina

Implementation of [Online GIS platform](#) to record and display plane disease

11/2014 – 04/2015

Arta, Greece

### Fullstack Engineer at TEI of Epirus

Implementation of [URBAN](#): Integrated Platform for optimal Management, Protection and Exploitation of the Urban and Suburban Greenery

01/2015 – 07/2015

Athens, Greece

### Arduino Engineer at SteelBees

Design & implementation of Arduino controlled beekeeping equipment