



Alexandros Zerntev

AI Engineer, Full Stack Engineer

CONTACT

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GitHub

LinkedIn

Website

X

Medium

LANGUAGES

Greek Native

Russian Native

English C2

SKILLS

JavaScript

Angular, AngularJS, React, TypeScript

Progress bar for JavaScript skills

Python

Numpy, Pandas, Matplotlib, Tensorflow

Progress bar for Python skills

C#

.Net Framework, .Net Core, Entity Framework, Windows Forms

Progress bar for C# skills

Operating Systems

Linux, Windows

Progress bar for Operating Systems skills

CSS

Bulma, Bootstrap, TailwindCSS, Prime

Progress bar for CSS skills

Databases

SQL (MySQL, MSSQL, ORACLE), MongoDB

Progress bar for Databases skills

Other Languages

Java, C, C++, PHP, Scala

Progress bar for Other Languages skills

EXPERIENCE

2021 - Present

Full Stack Software Engineer - AI Engineer

RAW Labs

Projects: **MXCP** - An MCP production ready framework. **Snapi** (Snippet - API) - functional query language (Parser, semantic analysis, compiler implementation with GraalVM/Truffle), **RAW Platform** - Design, Angular frontend, VS Code extension

2017 - 2021

Full Stack Software Engineer

Hellenic Air Force

Projects: **Covid-19 SPA** (Covid incidents entries, vaccinations entries, epidemic actions guidance for doctors, statistics for HQs, critical condition patients live auditing, Command and Control separation of concern), **Healthcare Financial Management** (Healthcare invoices and expenses entries, state tracking, amounts computation automation, integrity evaluation), **Human Resource Healthcare Management** (Social security employees and members management, employees health issues history management)

2016 - 2017

Software Developer

Hellenic Army Information Technology Support Center

Project: **Unified National Defence Document Management System** (Document creation, digital signing, commenting, distribution, task assignment and progress tracking, Navy - Army - Air Force interconnection)

2015 - 2016

Junior Software Developer

Hellenic Air Force

Projects: **Document Management System** (Document creation, digital signing, commenting, distribution, task assignment and progress tracking, based on organization specific needs), **Command And Control Application** (Monitoring of operational availability)

EDUCATION

2020 - 2024

Master's Degree in Data Science and Information Technologies

National and Kapodistrian University of Athens, Department of Informatics and Telecommunications

Specialization: Big Data and Artificial Intelligence

Thesis: Development of just-in-time query operators for complex data using partial evaluation

2017 - 2019

Bachelor's Degree in Computer Science

National and Kapodistrian University of Athens, Department of Informatics and Telecommunications

Specializations: Data and Knowledge Management, Software

2014 - 2015

Software Developers School

Hellenic Army General Staff

2010 - 2012

Bachelor's Degree in Radar Communication and Systems Technology

Hellenic Air Force NCO's Technical Academy

RESEARCH EXPERIENCE

- **Semantically Assisted Loop Closure in SLAM Using NDT Histograms**

IEEE Intelligent Robots and Systems (IROS) 2019

2019

Zaganidis A., Zerntev A. Duckett T., Cielniak G.

VOLUNTEERING

- **7th Human Brain Project Summit**

Hosted by "Athena" Research and Innovation Center

2020

PERSONAL INTERESTS

Learning

Martial Arts

Fitness