

# Kostas Lekkas

## Curriculum Vitæ

## PROFILE

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Self directed and motivated software engineer. Experienced with building systems and tools in a wide range of software environments. Articulate individual, able to work well in teams as a participant or leader.

## WORK EXPERIENCE

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### SOFTWARE ENGINEER, BALENA (NÉE RESIN.IO)

DECEMBER 2015 - JUNE 2019 (remote)

Balena is a fast-growing company that offers a SaaS platform for fleet management of IoT devices running Docker on embedded Linux.

**Management roles (2017-):** Guided and improved our technical specification and issue tracking processes. Conducted numerous interviews for backend positions. Acted as Support Lead since February 2018.

**Development work (2015-):** Maintainer of the IoT device connectivity backend. Responsible for the end to end function of CLI and Web Terminal development experience workflows. Developed crucial team productivity solutions, the most important being a scheduling system that allocated support shifts to a fully remote team of ~30 engineers using constraint optimization methods.

You can find an overview of my balena Open Source activity at <https://lekkas.io/balena-contributions/>

### SENIOR SOFTWARE ENGINEER, CITRIX

AUGUST 2014 - APRIL 2015

Worked on system-level projects, such as programming of proprietary low-level networking and TCP congestion control kernel modules for Linux, maintenance and enhancements to build and packaging infrastructure, load testing of system components using ByteMobile's homegrown scalability lab.

### SOFTWARE ENGINEER, CS-ORION EU FP7 PROJECT

JANUARY 2014 - AUGUST 2014

Investigated optimization approaches for a state-of-the-art compressed video sensing algorithm and **successfully applied** them by leveraging GPU architectures.

### ANALYST - SOFTWARE ENGINEER, GREEK ARMY

MARCH 2013 - DECEMBER 2013

### SOFTWARE ENGINEER, VIRTUAL TRIP

OCTOBER 2011 - OCTOBER 2012

Worked on Web Development, DevOps and EU-funded research projects.

### UNDERGRAD SOFTWARE ENGINEER, CE.RE.TE.TH

JANUARY 2010 - APRIL 2010

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[linkedin.com/in/lekkaskonstantinos/](https://linkedin.com/in/lekkaskonstantinos/)

[lekkas.io](https://lekkas.io)

## SOFTWARE SKILLS

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**Current:** Python, Node.js, Bash, Linux, git, Linux, PostgreSQL, Docker

**Past Experience:** C/C++, Java, Linux Kernel Development, Matlab

## INTERESTS

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Probability & Statistics, Machine Learning, Information Security, DevOps, Team Process Optimization

## EDUCATION

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Diploma  
5 year program

Computer, Network and  
Telecom Engineering

2011, School of Engineering,  
University of Thessaly, Greece

Coursera

**Machine Learning**

**Deeplearning.ai** [3% completed]

## LANGUAGES

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English	Fluent
Greek	Native
Hebrew	Beginner

## REFERENCES

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Available upon request.