



MICHAEL LOUKERIS

DevOps Engineer



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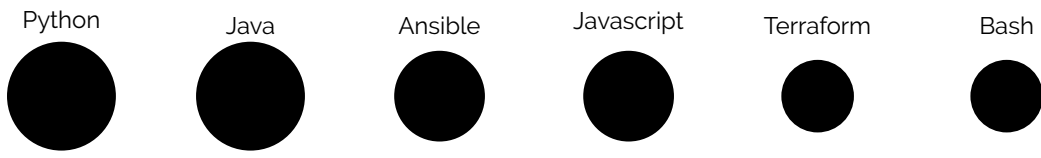
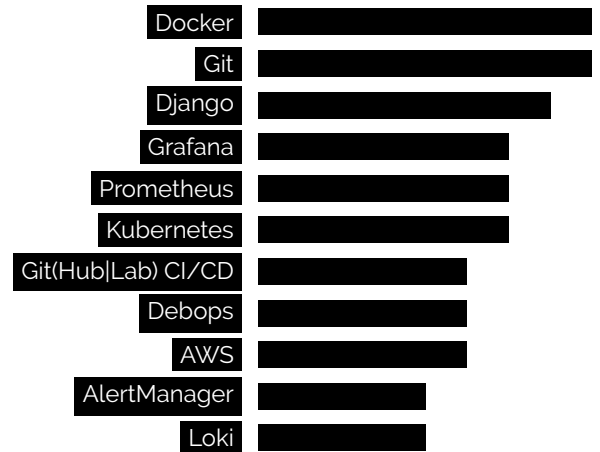
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WHO AM I?

I am a disciplined DevOps Engineer with strong analytical skills and a Master's degree in Cybersecurity. Skilled in building scalable IT infrastructure, designing CI/CD pipelines, and automating processes. I prioritize security throughout the software development lifecycle. Seeking opportunities to contribute my expertise in innovative and secure IT solutions. Effective communicator and problem-solver, collaborating with cross-functional teams successfully. Lifelong learner, always eager to embrace new challenges in DevOps and cybersecurity.




WORKING EXPERIENCE

10/2022 – Present **DevOps Engineer** **National Infrastructures for Research and Technology (GRNET)** 


Achievements/Tasks

DevOps Operations for National and European Projects.

- Introduce AWS Monitoring for Greek Institutions
- Bootstrap and Maintain an internal monitoring stack
- Deploy Gov.gr static pages 
- Automate process and pipelines
- Write and maintain Runbooks and Wikis
- Maintain a European Commission EBSI Node

Technologies Used

Python / Prometheus / Docker / Git / GitLab CI/CD / Grafana / Kubernetes / Bash / AWS / Django / Ansible / DebOps / Terraform / Loki

Contact: Panos Louridas louridas@aueb.gr 

10/2019 – 10/2022 **Software Engineer** **National Infrastructures for Research and Technology (GRNET)** [↗](#)

Achievements/Tasks

Backend Development of Greek Government Digital Infrastructures.

- Gov Wallet ID/Passport
- Solemn Declaration / Authorization (e-Dilos) [↗](#)
- forma.gov.gr [↗](#)
- Digital Certificates

Technologies Used

Python / Django / Docker / Git

Contact: Panos Louridas louridas@aueb.gr [↗](#)

07/2022 – 05/2023 **Red Team | Penetration Tester** **Greek Army** [↗](#)

I served the Greek Army at KEPYES which is the Greek Army Information System Support Center and specifically at the Cybersecurity Division.

Achievements/Tasks

During my service I performed :

- Thorough penetration testing to multiple *.army.gr
- Consultation to my superiors regarding hardening the security of these websites
- Docker Hardening
- Firewall Managing
- Incident Monitoring

Technologies Used

Burp Suite / Sophos / Kaspersky / Python / Docker / Git

Contact: George Vasios lg.n.vasios@army.gr [↗](#)

02/2019 – 01/2023 **Founder - CTO** **Scander** [↗](#)

All in one SaaS for the HORECA Industry

Achievements/Tasks

- Developed the Android application.
- Set up the development/production infrastructure.
- Developed core backend and frontend components.
- Set up the Database.
- Developed the landing page.

Technologies Used

Python / Javascript / PostgreSQL / Firebase / FastAPI / Docker / Traefik / Java / Docker Swarm / React / Next JS / Wordpress / Git / GitHub Actions

03/2019 – 10/2020 **Software Engineering Researcher** **Business Analytics Laboratory** [↗](#)

Business Analytics Laboratory established at the DMST of the AUEB and headed by Prof. Diomidis Spinellis.

Achievements/Tasks

- Research on Efficient Computing in a Safe Environment.

Technologies Used

LateX / Linux / Raspberry Pi 3B

Contact: Diomidis Spinellis dds@aueb.gr [↗](#)

EDUCATION

10/2020 – 03/2022 **Master's Degree - Digital System Security** **University of Piraeus (UniPi)** [↗](#)

Piraeus, Greece

Grade 9.33/10

Graduated from the Digital Systems Security Department of University of Piraeus.

08/2015 – 04/2020 **Bachelor's Degree - Management Science and Technology Business (AUEB)** **Athens University of Economics and** [↗](#)

Athens, Greece

Grade 8.29/10

Graduated from the Department of Management Science and Technology (DMST). [↗](#)

02/2018 – 06/2018	ERASMUS	Southern Denmark University (SDU) ↗
Odense, Denmark	Courses: <ul style="list-style-type: none"> • Android Programming - Grade A • User Centered Design - Grade B • Organization and Management - Grade B 	
09/2003 – 06/2015	High School	Arsakeia Schools in Psychiko ↗
Athens, Greece	Activities: <ul style="list-style-type: none"> • Entrepreneurship Team • Soccer Team 	
Grade 19.2/20		

PERSONAL PROJECTS

09/2018 – Present	Sphinx Kernel Xiaomi Mi 8 ↗	Codename: Dipper
	Custom Linux Kernel for Xiaomi Mi 8. This kernel is publicly available at XDA Developers Forum ↗	
09/2018 – Present	Sphinx Kernel Pocophone F1 ↗	Codename: Beryllium
	Custom Linux Kernel for Pocophone F1. This kernel is publicly available at XDA Developers Forum ↗	
03/2018 – Present	Sphinx Kernel Google Nexus 5X ↗	Codename: Bullhead
	Custom Linux Kernel for Google Nexus 5X. This kernel is publicly available at XDA Developers Forum ↗	

PUBLICATIONS

08/2019	Efficient Computing in a Safe Environment ↗	ESEC/FSE 2019 Tallinn, Estonia
Tallinn, Estonia	Efficient computing in a safe environment. In ACM Joint European Software Engineering Conference and Symposium on the Foundations of Software Engineering (ESEC/FSE 2019), ESEC/FSE '19. August 2019 (Rank A*) . DOI: 10.1145/3338906.3342491 - ISBN: 978-1-4503-5572-8	

CERTIFICATES

02/2024 – Present	CKA (Certified Kubernetes Administrator) ↗	
	Linux Foundation	
05/2017 – Present	Python Programming Language ↗	
	Mathesis@Crete University Press	
06/2015 – Present	Youth Entrepreneurship Summer School Program ↗	
	Participation in Youth Entrepreneurship Summer School (YES) which is hosted by DMST with full scholarship.	

ACHIEVEMENTS

10/2021 – Present	Forbes 30 under 30 - Greece	
	Listed under the 30 under 30 section of Forbes for having demonstrated a diverse range of considerable achievements and great potential for the future as well as for inspiring younger and older generations to bring their ideas to life, and proving that you don't need decades of experience to make a difference.	
08/2019 - Present	ESEC/FSE 2019 SRC Award ↗	
	Took the 2nd place amongst other international Students in the 27th ACM Joint European Software Engineering Conference and Symposium on the Foundations of Software Engineering (ESEC/FSE) Student Research Competition for my paper "Efficient Computing in a Safe Environment".	
07/2019 – Present	XDA Recognized Developer ↗	
	Honored with the title of Recognized Developer at XDA Developers for my work on Sphinx Kernel. This title is held by less than 1000 people worldwide. ↗	

09/2017 – Present

Honorary Distinction

Awarded by AUEB during my Bachelor's for my academic performance and exceptional projects regarding software engineering.

LANGUAGES

Greek - Native
English - Cambridge Level C1
French - Delf B1

INTERESTS

- Tennis
- Piano
- Entrepreneurship
- Linux Kernel Development
- Traveling
- Research

SKILLS

- Software Engineering
- Team Building
- Public Speaking
- Team Management