FANI DIMOU

Cloud Architect and Systems Engineer

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www.fanid.gr   github.com/FaniD   gitlab.com/FaniD   in linkedin.com/in/fanid

Cloud enthusiast, religious about Linux, open-source supporter, passionate about security, systems person. Writes human-readable code. Likes automating stuff and being the captain of a container ship. Loves learning and sharing knowledge. Excellent team player.

EDUCATION

Electrical and Computer Engineering (Master's degree) - GPA: 7.88/10

National Technical University of Athens

 2011-2019   Athens, Greece

WORK EXPERIENCE

Google Summer of Code

Software Engineer

 May 2019 - Sept 2019   Remote job - Athens, Greece

- Project NextCloudPi at GFOSS organization
- CI/CD for NextCloudPi docker images
- Automation script to spawn NextCloudPi VM using Vagrant
- Distributed system of NextCloudPi using Docker Swarm and GlusterFS

Travis CI   Bash/Shell   Vagrant   Ansible
GlusterFS   Docker/Docker Swarm

LaceWing Tech GmbH

Cloud Architect and DevOps Engineer

 Oct 2019 - Feb 2021   Berlin, Germany

- Building and maintaining internal cloud-based infrastructure
- Developed threat model and security plan for a Kubernetes cluster
- Automating and enhancing the customer's suite (Nextcloud server, Storage, Backups)
- Spike new technologies and designing future product releases
- Designing and running workshops

Terraform   Ansible   Nextcloud   Docker   Kubernetes
Kubeone   Gitlab CI/CD   UFW   Wireguard

SysEleven GmbH

Kubernetes Service Architect

 Apr 2021 - present   Berlin, Germany

TALKS

- **Automatic Hardening of Docker Security 23/05/2019 @NTUA, Athens** Greek audio, English slides Video
- **GSoC Experience: NextCloudPi 14/09/2019 @Nextcloud conference 2019, Berlin** English audio and slides Video

DIPLOMA THESIS

Automatic security hardening of Docker containers using Mandatory Access Control, specialized in defending isolation

- Developed a software from scratch, design of the architecture and implementation
- Ethical hacking and implementing container breakout attacks
- Deep research on containers and linux kernel to create rules for AppArmor profiles

Python   Bash   Docker   AppArmor
Linux kernel

TECHNICAL SKILLS

- **Programming and Scripting Languages**
  Python   Bash   C

- **Developer Tools**
  Git   Docker   Kubernetes
  Travis CI   Gitlab CI/CD
  Ansible   Terraform   Vagrant

- **Markup Languages**
  LaTeX   YAML   XML   HTML

LANGUAGE

Greek   ●●●●●
Native language

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English   ●●●●●
First Certificate in English (Cambridge) (B2) with grade A

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French   ●●●○○
Delf 1er Degree (B1)

CAREER INTERESTS

Cloud Computing   Containerization
Operating Systems   Cyber Security
Distributed Systems