

GRIGORIS P. THANASOULAS

MENG ELECTRICAL & COMPUTER ENGINEERING

WORK EXPERIENCE

- NOW**
|
JUN 2023
- Medior Kubernetes Engineer | True B.V.** 📍 Amsterdam, NL
- Develop tooling using Go, Bash, and Ansible to facilitate the migration of the Kubernetes storage backend to a new Netapp cluster. Plan and execute the migration, coordinating with different team members and the customers.
 - Maintain and monitor the Kubernetes clusters and SAAS applications of clients (Grafana, GitLab CI/CD, Ansible, ArgoCD, Helm, Python, Bash).
 - Provide live support and troubleshooting to customers for issues they encounter with their Kubernetes clusters and workload. Participate in on-call service for immediate problem resolution.
- MAR 2023**
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DEC 2020
- DevOps Engineer | Arrikto Inc.** 📍 Athens, Greece
- SEP 2022 - MAR 2023: Mid-level DevOps Engineer**
- Collaborate with the Kubernetes community by resolving issues on GitHub, integrating parts of our extensions into the upstream project, and staying up-to-date with the upstream advancements to enhance Arrikto's product.
 - Enhance the Kubernetes scheduler and Cluster Autoscaler extensions based on customer feedback and updated requirements.
 - Ensure customer satisfaction by promptly and effectively resolving various customer tickets.
- DEC 2020 - SEP 2022: Junior DevOps Engineer**
- Maintain Arrikto's local storage system and its integration with the Kubernetes Container Storage Interface.
 - Design and implement extensions for the Kubernetes scheduler for seamless operation with Arrikto's local storage, optimizing workload uptime and preventing failures by scheduling workloads based on available node storage capacity.
 - Design and implement extensions for the Kubernetes Cluster Autoscaler for seamless operation with Arrikto's local storage: scale up the cluster according to local storage requests and scale down underutilized nodes coordinating migration of local volumes, helping our customers reduce overall cluster costs.
 - Write comprehensive user documentation for Arrikto's storage CSI Driver and other system components, including step-by-step deployment instructions for AWS EKS, facilitating Arrikto's product adoption for customers.
- AUG 2018**
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JUL 2018
- Software Engineer | Software and Knowledge Engineering Lab, National Center for Scientific Research "Demokritos"** 📍 Athens, Greece
- Data analysis with Python. 2-month internship arranged by the NTUA ECE school.

EDUCATION

- JUN 2022**
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SEP 2014
- MEng in Electrical & Computer Engineering | School of Electrical and Computer Engineering, National Technical University of Athens**
- **Specialization:** Software Engineering, Computer Systems, Networks, Biomedical Engineering. • **GPA: 8,58/10.**
 - **Courses:** Microprocessors, Computer Architecture, Operating Systems, Computer Networks, Programming Languages, Databases, Digital Circuit Design, Algorithms, Human-Computer Interaction, Artificial Intelligence, Web Development, Biomedical Image Processing.
 - **Thesis:** Extensions for Scheduling and Autoscaling on Kubernetes Clusters with Local Storage Considerations. Conducted in NTUA ECE Computing Systems Laboratory, in cooperation with Arrikto Inc.

CERTIFICATES & COURSES

- 2023**
- **Foundations of Project Management | Google**
- 2016**
- **Security-Class.gr Course, Web-Class.gr Course**
- 2013**
- **Introduction to Computer Science I | HarvardX University**

AWARDS AND SCHOLARSHIPS

- **Cosmote Scholarship for Undergraduate Studies (2014-2019)**
- **Eurobank "Great Moment for Education" Award (2014)**

VOLUNTEERING

- JUN 2020**
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OCT 2017
- **TEDx NTUA Organizing Team**
- **TEDx NTUA "ENIGMA" (2019), TEDx NTUA "DUALISM" (2020):** Led a 6-person team tasked with recommending the keynote speakers of the TEDx event, communicating with them, assessing the content of their talks, and providing constructive feedback. We handled all the logistical arrangements for the speakers, ensuring the smooth execution of the event, which was attended by 500 individuals.
 - **TEDx NTUA "CHAOS" (2018):** Coordinated and facilitated workshops for 500 event attendees, liaised with partners, and supervised event volunteers.
- 2016**
- **Electrical Engineering Students' European Association**
- 2016**
- **Board of European Students of Technology**

CONTACT INFO

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- 📍 Amsterdam, NL

TECHNICAL SKILLS

ADVANCED

Container Storage Interface • Golang • Kubernetes • AWS • Docker • Linux • Kustomize • TCP/IP • Git Ops • Python • Logical Volume Management • Bash • YAML • JSON • Java • ReST • C++ • Assembly

INTERMEDIATE

NetApp Storage • Argo CD • GitLab CI/CD • Ansible • RKE • Helm • HTML • MySQL • CSS • PHP • Javascript • Matlab
ML Algorithms • Prolog

GITHUB

📄 github.com/gregthanas

SOCIAL MEDIA

in [linkedin.com/in/gregth](https://www.linkedin.com/in/gregth)
🐦 twitter.com/gregthanas

LANGUAGES

English (Full professional proficiency)
Greek (Native proficiency)

INTERESTS

Aviation • Science • Theater • Music • Photography

“ MY MOTTO

Tell me and I forget. Teach me and I remember. Involve me and I learn. ~Benjamin Franklin