Konstantinos Tsiakas
DevOps Engineer

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EXPERIENCE

Den Haag, Netherlands
Nov 2021 - Present

Devops Engineer
EquinoxAI B.V. (Trading Firm)

Infrastructure Leader:

- Leading the design, development and maintenance of modern multi-cloud based infrastructure and microservices for fully algorithmic trading strategies.
- Pushing to the stakeholders the reduction of costs by balancing and optimizing multi cloud solutions.
- Implemented centralized alarms system and provided critical solutions in data integrity, services lifetime and robustness.
- Refactored trading code and cooperate with the data-science and development teams to achieve significant optimization in critical factors such as latency, quality of executions and trading parameters.

Technologies: *NextJS, AWS, Hetzner, Docker, Wireguard, Traefik, Nodered, Grafana, InfluxDB, Clickhouse, Kibana, Elasticsearch, Firebase, Redis, GitlabCI, Backblaze S3*

Athens, Greece
Jan 2021 - May 2021

DevOps Engineer
Hellenic Army

Hellenic Army Information Technology Support Center (KEPYES), Pentagon
Research and Development Department:

- Provided new technologies, tutorials, microservices and automations
- Weekly presentations of ideas to optimize scalability

Technologies: -Can not publicly disclose-

Piraeus, Greece
Jan 2019 - Sep 2020

DevOps Engineer
Deepsea Technologies (Shipping Industry)

- Refactored Machine Learning projects from local Python scripts into robust and scalable cloud-based microservices.
- Implemented main infrastructure with web applications, continuous integration and deployment, automation and monitoring tools and timeseries databases. As a result, our Machine Learning Engineers could train, review results and produce ML models on Route Optimization, Fuel Costs Reduction and Engine Health Performance, for more than 100 ships, weekly, seamlessly.
- Responsible for user management, authentication and roles for all our services and machines in our virtual private network.

Technologies: *Javascript, Django, Bash, AWS, Docker, Nginx, Grafana, InfluxDB, TimescaleDB, Jenkins*

Athens
Nov 2017 - Sep 2018

Junior Full Stack Developer
modio.io (IOT, Cloud Solutions)

Contributed to major European Projects in 5G, video streaming and Internet Of Things, where I provided a range of online apps and got introduced into latest technologies for that period.

Technologies: *AngularJS, Docker, Kubernetes, Grafana, InfluxDB, PostgreSQL, Redis, Amazon S3*

EDUCATION

Athens
2011 - 2018

BSc Software Engineering
Department of Informatics and Telecommunications

Domain Direction E3. Software, Focus on Programming (17 Courses)

SKILLS

- C, C++,Typescript, Javascript, Python, Bash, Java
- Monitoring - Grafana, ELK,Telegraf, Prometheus,
- Containerization & Cloud Providers - AWS, Hetzner, Linode, Docker, Docker Swarm, Wireguard
- Databases - InfluxDB, Clickhouse, PostgreSQL, MongoDB, MySQL, Redis
- Proxy Servers - Traefik, Nginx
- Web Development - NextJS, AngularTS, Bootstrap
- OS - Ubuntu, Centos, Rocky Linux

LANGUAGES

Greek
Excellent

English
Advanced. IELTS + 4 years of international work experience

ACHIEVEMENTS

Modified AStream code and merged by the official pari365/AStream on GitHub while i was working on Monroe Project.

HONORS & AWARDS

Co-developer in the smartacus team who ranked 4th in the 1st CEDD Challenge Crowdhackathon Smartcity City Development Challenge from a total of 50 contestants

Co-developer in the ASAP team who ranked 2nd in the Crowdhackathon Insurance2.0 Development Challenge from a total of 10 contestants