Daniel Cohen Ambalo - CV

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Summary

- Software Engineer with over 5 years of experience in designing and developing complex applications.
- 8+ years of experience in variety of cyber and other production environments.
- Tech leading of Complex projects from the requirements gathering stage, through system design and to developing and shipping high quality solutions.
- Extensive experience in IT, system design and automation, allowing wide perspective while designing and implementing optimized solutions.
- Excellent interpersonal and communication skills.

Skills

Python, JavaScript, Bash, PowerShell, REST-API, RabbitMQ, MongoDB, Flask, Swagger, PYTest, Celery, Containers, Docker swarm, k8s, Elastic, Bamboo, Git.

Experience

Software Engineer at MOD (IDF civilian employee, 8200) (Jan 2018 - Present)

Designing and implementing a unique solution for the 8200 Cyber department, by creating a PaaS environment that hosts a variety of applications with advanced security configurations. The main challenge was to allow Basic functionality while making sure that high security constraints are met.

- Designing and developing a Microservices based application while implementing best practices.
- Implementing a large scale, stateless and scalable system that handles millions of tasks a day.
- Allowing fast product delivery by running automatic CI/CD processes – from development to production.
- Consulting for other projects running in my department in context of private cloud solutions, software development concepts, workflows.

Software Team leader at MOD (Consultant, 8200) (Mar 2017 - Jan 2018)

Building an IaaS solution from scratch. Leading all aspects of product life cycle including planning, gathering the team, deciding on the optimal technology, to developing an in-house system that provides on-demand cloud computing services for most Cyber Units with a main focus on security aspects.

- Managing and technology leading team of 10+.
- Supplying professional training and guidance to staff members.
- Creating a dashboard using Grafana and Graph DB that tracks background operations and recognizes abnormal activity.

Software Developer at MOD (8200) (Dec 2014 - Mar 2017)

Creating a resilient, scalable and zero downtime tolerance solution that provides a platform for other products to integrate with.

- Designing a scalable system using stateless services and load balancers.
- Creating a Python package that wraps VMware API (pyVmomi) and offers an easy and friendly interface to work with, the package was adopted by multiple teams in the organization.
- Received project award for creating a product that allows large amounts of information to be accessed in a short amount of time.

System Administrator, System Architect at MOD (8200) (Dec 2011 - Dec 2014)

- Performed DevOps tasks, environments setup from scratch, deploying and maintaining servers.
- Built a variety of DevOps solutions (PowerShell, Python).
- Managed and supported thousands of servers in a VMware environment (Windows/Linux distributions).

Languages

Hebrew (Native)
English (Fluent)

LinkedIn

https://il.linkedin.com/in/
daniel-cohen-ambalo

Personal Skills

Quick learner
Team Player
Highly motivated & committed

Recommendations available upon request.