

Sergiu Ojog

Curriculum Vitae

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Software Engineer specialising in efficient backend systems. Effective technical liaison between development teams and management. Mentor to junior developers, emphasising code quality and long-term vision. Academic foundation in cyber security combined with practical experience enables delivery of robust, secure, and maintainable solutions.

Experience

- Now **Software Engineer**, *Trifork*, Copenhagen.
| Specialized in enterprise backend development with *.NET*, *PostgreSQL*,
May 2022 and *MS SQL* while managing cloud infrastructure using *Azure*, *Docker*, and
Kubernetes across diverse client projects.
- **Backend Expertise:** Architected scalable systems with RESTful APIs in distributed cloud environments, focusing on robust infrastructure and high-performance solutions.
 - **Technical Leadership:** Led cross-functional development teams while enforcing high code quality through thorough code reviews, serving as point of contact between technical and business stakeholders, and mentoring junior developers.
 - **Adaptability:** Demonstrated quick learning capabilities by contributing to frontend work with *Angular* and *TypeScript*, ready to expand technical skillset as needed.
- April 2023 **Cyber Security Engineer**, *Trifork*, Copenhagen.
| Developed a threat intelligence solution using Python, Kubernetes, Azure,
August 2022 Elasticsearch, Kibana and Kafka. The system aggregated data from multiple
online sources including social media and forums to identify potential
security threats.
- June 2022 **System Administrator**, *Novozymes*, Copenhagen.
| Temporary Graduate Engineer position, working on the yearly Ubuntu and
March 2022 Ceph cluster upgrades, as well as dealing with the tasks described in the
student assistant position.

February 2022 **Student Assistant System Administrator**, *Novozymes*,
 | Copenhagen.
 June 2019 Administered *Hadoop*, *Ceph* storage, and *HPC* clusters with *Kubernetes*,
VMs, *PostgreSQL*, *Gitlab*, *Jenkins* and *Ansible*.
 – **Deployment**: Installed, configured and debugged software across various
 systems.
 – **Monitoring**: Managed alerts and visualization with *Nagios* and *Munin*.
 – **Security**: Implemented Linux security measures on laptops and servers.
 – **Hardware**: Handled server installation and component replacements.

Education

February 2022 **Master of Science in Engineering**, *Danmarks Tekniske Universitet*,
 | Copenhagen.
 September 2019 Masters in Computer Science, specializing in Cyber Security.
 August 2019 **Bachelor of Science in Engineering**, *Danmarks Tekniske Univer-*
 | *sitet*, Copenhagen.
 September 2016 Bachelor in General Engineering, specializing in Cyber Systems.

IT Skills

Programming Languages Python, C#, Shell (POSIX, Bash, Zsh), Kotlin
 Cloud & DevOps Azure, CI/CD, Docker, Kubernetes, GitHub
 Databases PostgreSQL, MS SQL
 Technologies .NET Core, .NET Framework, Ansible, Terraform, UNIX command
 line tools, git, vim
 Operating Systems Linux, Microsoft Server

Languages

Romanian Mother tongue
 English Fluent
 Danish Advanced
 Russian Advanced
 French Intermediate