

# Topi Kettunen

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| EXPERIENCE  | <b>DataOps Consultant, Polar Squad</b> 2020-Present <ul style="list-style-type: none"><li>- Working on a data engineering platform where I'm helping the customer in the design and implementation of large-scale distributed stream processing systems.</li><li>- Prior to that, I helped the customer in designing and implementing the customer's internal Platform as a Service (PaaS) built on top of Kubernetes. This platform spread across multiple different teams inside the customer and was considered a great success.</li></ul>  |
|             | <b>Independent DSP Engineer, Deadpoint Records</b> 2019-Present <ul style="list-style-type: none"><li>- Founded an independent audio software shop with the main focus on developing different VST/AU/AAX plugins for me and others.</li></ul>   |
|             | <b>Senior DevOps Consultant, Comiq</b> 2018-2020 <ul style="list-style-type: none"><li>- Worked designing and implementing distributed systems built on top of Kubernetes and helped many customer's teams migrating from monolithic architecture to microservices.</li><li>- I helped large international industrial technology company (name protected by NDA), where I designed, developed and implemented a test automation reporting system.</li><li>- Worked in design and implementation of RPA platform where we could provide RPA tasks as a service for different applications running either in browser or natively on desktop utilizing multiple cluster on various premises (bare-metal, cloud).</li><li>- Along side that I worked as an in-house coach for our own employees in the world of DevOps and distributed systems.</li></ul>  |
| COMPETENCES | <b>Languages</b> Finnish ( <i>native</i> ), English ( <i>fluent</i> ), German ( <i>limited working proficiency</i> ), Swedish ( <i>basic</i> ), French ( <i>basic</i> )<br><b>Development Experience</b> Systems engineering, Distributed systems, Networking, Big Data, Virtualization, Performance, Reliability, and Audio<br><b>Roles</b> System/Software design, Programming, DataOps, MLOps, DevOps, SRE, RPA<br><b>Programming</b> C, C++, Go, Common Lisp, Python, Java, Haskell, x86 Assembly<br><b>OS</b> Linux, FreeBSD, OpenBSD, macOS<br><b>Databases</b> PostgreSQL, Prometheus, SQLite, MongoDB, Redis, memcached, MySQL/MariaDB, InfluxDB, Neo4j, CockroachDB<br><b>Cloud</b> Azure, Kubernetes, Docker, Terraform, AWS, GCP<br><b>Big Data</b> Kafka, Flink, Spark, Hadoop<br><b>AI</b> TensorFlow, Kubeflow, PyTorch<br><b>Audio</b> Logic Pro, Ableton, Pro Tools, JUCE, Steinberg VST2/3, JACK, AU, AAX, Max, ASIO, LV2 |
| EDUCATION   | <b>BBA, Business Information Technology, Haaga-Helia - University of Applied Sciences</b> 2017-2020  |
| MILITARY    | <b>Vänrikki/Second Lieutenant, Combat Engineer Platoon Leader</b> 2015   |