

WORK EXPERIENCE

Technical Lead, DataFlux GmbH

Jun 2019 - Present

- Provided a highly available and monitored 20+ node data layer to a team of 15 developers for network traffic analysis
 - Made a [Kafka Streams](#) framework that can simulate event time locally and unit test Stream processors
 - Wrote a Kafka Streams app that has configurable map-reducers, time windows and can aggregate historic data
 - Integrated a six project network analysis system using customer's custom framework
 - Set up hiring, mentoring and knowledge retention processes that prevented six projects from being abandoned
- ⇒ Oracle Cloud, Kubernetes, Helm, Kafka, Kafka Streams, Prometheus, Grafana, Jaeger, Argo

Software Engineer, DataFlux GmbH

Feb 2019 - May 2019

- Constructed an Apache Kafka Broker plugin that can push or pull metrics to or from a remote data store
 - Wrote a RESTful Kafka cluster inspector that reduced maintenance time by 30%
- ⇒ Kafka, ZooKeeper, Spring, JMX, Git, Linux, Shell Scripting

Big Data Analyst Intern, Inceptum

Jul 2018 - Oct 2018

- Made a network analysis pipeline that raises an alarm if it detects an anomaly, improving telecom service uptime
- ⇒ Kafka, Hive, Hadoop, Redis, Spark, SQL, Git, Linux, Shell Scripting

FREELANCE AND HOBBY PROJECTS

Business Tax Reporter, Azelis

Jul 2017 - Jan 2019

- Wrote accounting and reporting software for [Dynamics AX](#) which increased productivity by 6%, 100h/year
- ⇒ Python (lxml, Pandas, openpyxl)

Knowledge Repository

Feb 2017 - Present

- Wrote a curated collection of 150+ technical topics that increase personal productivity and knowledge retention

EDUCATION

University of Zagreb, Faculty of Electrical Engineering and Computing

MSc in Computer Science

2019

- Relevant courses: Machine Learning, Parallel Programming, Extremal Combinatorics, Blockchain Technologies

BSc in Software Engineering

2017

TECHNICAL SKILLS

Intermediate:

- ⇒ Docker, Helm, Kubernetes, Kafka, Kafka Streams, Grafana, Prometheus, Git
- ⇒ Java, Python

Basic:

- ⇒ GraphQL, Flask, Jaeger, Ambassador, PostgreSQL
- ⇒ Oracle Cloud, Argo
- ⇒ Haskell, C++, SQL, JavaScript

ACHIEVEMENTS, OTHER SKILLS AND INTERESTS

- Languages: Croatian (native) - English (C2 in speech and writing)
- Letters of recommendation: [Popović, M.](#) - [Gogić, S.](#) - [Pogrmilović, Z.](#)
- D&D DM, led 11 campaigns - 10/25/40-man WoW Raid Leader - 1 of 80 EVE Online Partners

Updated: 27.06.2020.