

## WORK EXPERIENCE

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### Data Engineering Consultant, Raiffeisenbank

09/2021 - Present

- Developed the data architecture and provided data for a team of 11 from five sources using NiFi and SQL
- Orchestrated daily production data ingestion using Airflow

⇒ SQL, NiFi, Airflow

### Technical Lead, DataFlux GmbH

06/2019 - 09/2021

- Provided a monitored ~20 node data layer to a team of 15 developers for network traffic analysis
- Made a Kafka Streams unit test framework that simulates event time locally that increased development speed
- 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

⇒ Kubernetes, Helm, Kafka, Kafka Streams, Prometheus, Grafana, Jaeger, Argo CICD

### Software Engineer, DataFlux GmbH

02/2019 - 05/2019

- Constructed an Apache Kafka Broker plugin that pushed or pulled its metrics to a remote data store
- Wrote a RESTful Kafka cluster, partition and consumer group inspector that reduced maintenance time by 30%

⇒ Kafka, ZooKeeper, Spring, JMX, Git, Linux, Shell Scripting

## FREELANCE AND HOBBY PROJECTS

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### Business Tax Reporter, Azelis

07/2017 - 01/2019

- Wrote accounting and reporting software for Dynamics AX that increased productivity by 6%, 100h/year

⇒ Python

### Knowledge Repository

02/2017 - Present

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

## EDUCATION

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### 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

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### Intermediate:

⇒ Docker, Helm, Kubernetes, Kafka, Kafka Streams, Grafana, Prometheus, Git

⇒ SQL, Python, Java

### Basic:

⇒ GraphQL, Flask, Jaeger, Ambassador, PostgreSQL

⇒ Argo CICD, Airflow, NiFi

⇒ Haskell, C++, JavaScript

## ACHIEVEMENTS, OTHER SKILLS AND INTERESTS

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- 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

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