

## WORK EXPERIENCE

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### Senior Data Engineer, Raiffeisenbank

09/2021 - Present

- Sped up exposure calculation 30x by aggregating data which enabled digital loan disbursement for customers
- Migrated over 120 data pipelines from HRK to EUR currency across multiple environments which allowed the app to continue disbursing loans
- Implemented marketing and lead tracking pipelines that resulted in a 50x increase in the number of loans disbursed
- Received the "Pioneer in SME Lending" for being part of the team that overshot the sales target by 30%

### Technical Lead, DataFlux GmbH

06/2019 - 09/2021

- Deployed and monitored an on-premise streaming and microservices environment for a team of 15 developers
- Implemented a Kafka Streams testing framework that simulates event time locally which sped up testing and increased Streams' reliability
- Established an end-to-end Hire to Retire (H2R) process, covering recruiting, mentoring, and knowledge retention processes

### Software Engineer, DataFlux GmbH

02/2019 - 05/2019

- Constructed a Kafka broker plugin that pushes or pulls metrics to a remote server, enabling analysis and monitoring of large Kafka clusters
- Wrote a RESTful Kafka cluster, partition and consumer group inspector that reduced cluster maintenance time

## FREELANCE AND HOBBY PROJECTS

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### Judicial Auction Tracker

04/2023 - Present

- Designed and constructed a data pipeline using AWS services that enables customers to subscribe to notifications on newly published auctions

### Tax Form Generator, Azelis

07/2017 - 01/2019

- Developed and integrated a custom accounting software for Dynamics AX, resulting in a 6% increase in productivity, equivalent to saving 100 hours per year

## 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:

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

### Basic:

- ⇒ AWS
- ⇒ Airflow, NiFi
- ⇒ 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

Updated: 06/05/2023