Enrico Vompa

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Tallinn, Estonia

WHO AM I?

As per feedback, I embody an owner mindset and demonstrate significant expertise and care for my work. I am highly motivated to find solutions to problems and am known to sweat the details and contribute beyond my scope. I am a capable developer and able to implement features of any complexity. I set a great example for others with my determination and critical thinking skills, especially when it comes to obscure issues and their solutions.

EDUCATION

TALTECH

Bachelor of Computer Science
September 2018 - June 2021
Tallinn University of Technology
GPA: 4.9 / 5.0 - Cum Laude

Master of Business Informatics
September 2021 - June 2023
Tallinn University of Technology
GPA: 5.0 / 5.0 - Cum Laude

LINKS

Github:// **envomp**
LinkedIn:// **enrico-vompa**

SKILLS

Programming languages
Java • Python • SQL

Languages
English • Estonian

AWARDS

2019	International	ICPC
2019	Top 2%	IEEEXtreme
2019	1st/40	Robocode
2019	4th/30	Robotex - Maze solving category
2019	Top 1%	University - Dean's recognition for best starter

WORK

TWILIO | Software engineer
January 2021 – Present

I contribute to designing and building an ingress system capable of handling hundreds of thousands of requests per second with low latency, serving as the source of truth for Twilio Messaging. I also contribute to designing and building various egress components to meet various analytical and processing needs.

I implemented an interface which enables external teams to onboard data to Messaging Data Platform (MDP) through **Apache Kafka** and expose it to **Hadoop ecosystem**, **Elasticsearch** and **Twilio Event Streams**.

I participated in the design and implemented a data lakehouse using **Apache Hudi**, including integrations with external data platforms to expose MDP data to various stakeholders via **Apache Presto** and **Zeppelin**, and AWS offerings such as **EMR**, **AWS Glue** and **Athena**.

I participated in the design and built tools to expose a near real-time aggregation layer using **EMR Serverless** and **Spark Structured Streaming** to enable machine learning solutions.

Technologies: AWS Cloud, Terraform, Java, Spring framework

TALTECH | Software development project Team Lead
Jan 2019 – Jan 2021

Enhanced the learning management system plugin to improve distance education operations.

Designed and developed an automated testing system, integrating it with the learning management system Moodle.

Technologies: Java, Jgit, Spring boot, PostgreSQL, Docker, Vue.js, MariaDB, PHP

TALTECH | Guest lecturer

Taught programming subjects through lectures and seminars:

- ITI0102 Introduction to programming in Python
- ITI0214 advanced programming
- ITI0202 Programming in Java