

# Uroš Milovanović

## Software Engineer

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As a Software Engineer, my primary skills lie in Algorithms and Data Structures, with experience in Machine Learning and Natural Language Processing. I am passionate about leveraging technology to solve real-world challenges and have a proven track record of successfully solving intricate problems with cutting-edge technologies. In addition to this, I have practical knowledge in Cloud Computing, leveraging platforms like AWS to deploy robust and scalable applications.

### SKILLS

<b>Programming Languages</b>	Python, go, JavaScript, R, C#, Bash, C
<b>Tools and Technologies</b>	AWS, SQL, PyTorch, Docker, Kubernetes, git, Linux, FastAPI, Dask, Numpy/Pandas, React.js
<b>Communication</b>	English, Serbian

### TECHNICAL EXPERIENCE

**Software Engineer** **Apr 2023 — Present**  
*Rasa* *Remote*

- Involved in building Rasa Open source and Rasa Pro

**Machine Learning Engineer** **Jul 2021 — Apr 2023**  
*Synechron* *Novi Sad, Serbia*

- Involved in the whole project life-cycle of chatbot development from scope definition to development and deployment for multiple chatbots that get 10,000+ interactions daily.
- Built reporting infrastructure and dashboards to map the user journey in chatbot conversations and across different chatbots.
- Worked on making ETL procedures for calculating new data points and checking the validity of data using Apache Spark.

**Machine Learning Intern** **Feb 2021 — Apr 2021**  
*Synechron* *Novi Sad, Serbia*

- Built a chatbot from scratch while evaluating different approaches for tokenization, vectorization, pre-processing techniques (stemming/lemmatization...) and neural network architectures.
- Worked on different recommendation systems that recommend which forms go with what insurance policies while evaluating different approaches.

**Software Engineer Intern** **Jun 2019 — Nov 2019**  
*Typhoon HIL, Inc.* *Novi Sad, Serbia*

- Worked on an framework for simulating energy consumption in a average home and defining different classes of components and building the energy profile of different appliances.

### EDUCATION

**Bachelor (Hons) Degree in Informational Engineering (Data Science)** **2017 — 2021**  
*Faculty of Technical sciences - University of Novi Sad*

- Scholarship of the Serbian Ministry of Education, Science and Technological Development - 2019, 2020, 2021

### Certifications / Courses

- AWS Certified Developer – Associate June 2022 - June 2025

### ACTIVITIES

Building APIs and hosting them as a service (eximia.one)	2022 — Present
JunctionX Hackaton Budapest (Pos 3)	Fall 2020
Python Hackathon Smart Energy Management (Pos 2)	Summer 2020
Google Hash Code Top 400	2018