

# Dominik Kotarski

email: [dojitza@gmail.com](mailto:dojitza@gmail.com)

## Experience

- 2022 - Now **Microsoft** - *Software engineer* - Copenhagen, Denmark
- Working on an upcoming product in the SCM space
  - Reduced solution package size by 54%, increasing deployment speed, decreasing build times, and optimizing product load times
  - Ensuring an excellence in quality by maintaining a 90+ points usability score in a mission critical area of the product.
  - Technology: Typescript, React, C#
- 2020 - 2022 **ZG Informatika** - *Software engineer* - Zagreb, Croatia
- Designed and delivered a visualization solution for the product, boosting user retention rate by 14%
  - Pushed for the automation of a testing protocol used on the product, resulting in over 40% less outgoing production bugs
  - Technology: Typescript, React, React-Native, java, Quarkus, SQL, Docker
- 2019 - 2020 **aconno** - *Embedded software engineer* - Zagreb, Croatia
- Optimized firmware of a core product, resulting in an increase in performance of over 200%
  - Technology: nrf52832, nrf9160, FreeRTOS, Bluetooth, NB-IoT, C/C++

## Highlighted Project work

### Maintainer, *Stroomless*, personal project.

- In-Browser solution enabling simple and convenient multi-room audio playback
- Technology: Javascript, WebRTC, FastAPI, Python

### Maintainer, *ispovesti.ml*, personal project.

- Asynchronous by design - Heavy workload (GPT-2)
- Microservice architecture
- Technology: ML, GPT-2, Flask, RabbitMQ, Python, Javascript, React, Docker

## Education

- 2015 - 2020 **Master of Science in Computer Science**,  
*University of Zagreb, Faculty of Electrical Engineering and Computing.*  
Computer science, 3.4 GPA