

Dominik Kotarski

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Experience

- 2022 - Now **Microsoft** - *Software engineer* - Copenhagen, Denmark
- Working on an upcoming product with estimated value of over 100M\$
 - 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
 - Shipped a product with total project value of over 2m€
 - 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%
 - Delivered firmware for 4 new company products, with following quarterly sales exceeding 10k€
 - Technology: nrf52832, nrf9160, FreeRTOS, Bluetooth, NB-IoT, C/C++

Highlighted Project work

Maintainer, *Streemless*, 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