

# Dominik Kotarski

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## 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.
  - Engineered and implemented an integration testing framework using Playwright, slashing inbound regressions by over 90%
  - Technology: [Typescript](#), [React](#), [C#](#), [Playwright](#), [Jest](#)
- 2020 - 2022 **ZG Informatika - Software engineer - Zagreb, Croatia**
- 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](#), [Jest](#), [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, Streamless, 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

- 2018 - 2020 **Master of Science in Computer Science,**  
*University of Zagreb, Faculty of Electrical Engineering and Computing.*  
Computer science, 3.4 GPA