

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, Playwright, 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, *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

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