

MARTIN JOSIPOVIĆ

SOFTWARE ENGINEER



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SKILLS

- Python development
- Backend development and system architecture
- Working on embedded and unix systems
- Docker and software modularization
- Database management

EDUCATION

MASTER OF COMPUTER SCIENCE

FESB, University of Split
2024 - present

BACHELOR OF COMPUTER SCIENCE

FESB, University of Split
2021 - 2024

COMPUTER TECHNICIAN

School of Electrical Engineering
2017 - 2021

LINKS

 [GITHUB](#)
 [MY WEBSITE](#)
 [LINKEDIN](#)

PROFILE

Fifth-year Computer Science student at FESB with a background in Computer Engineering. Currently completing my Master's thesis in wireless communications, focusing on deploying air quality sensor networks using ZigBee and LoRa.

In parallel, I co-developed the mobile app Lazy Calorie Tracker, where I primarily handle backend and iOS development.

My bachelor's thesis involved training and deploying a YOLOv8 deep learning model for fire and smoke detection in Mediterranean olive groves, with related work presented at SoftCOM 2024.

EXPERIENCES

2025 FESB, University of Split

Teaching assistant (Demonstrator)

- Supervised and guided students in learning fundamental programming concepts and the C language as part of the university course "Introduction to Computers and Programming."

2022 Vatel d.o.o

2025 Fire Protection and Telecommunications Technician

- Helped create fire detection system plans using specialized software.
- Connected to fire detection central units to identify and resolve issues with fire detectors and review past fire alarms.
- Installed, configured, and maintained telecommunications systems like patch panels and small computer networks.

PROJECTS

Lazy Calorie Tracker

Simple AI driven calorie tracking app available on Android & iOS
Live: www.lazycalorietracker.com

Fire Detection YOLOv8

Final work presented at 2024 SoftCOM professional program
Source: [Github repo](#)