



Marcin Bober

Embedded Software Developer

- 20 October 1999
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- marcin-bober

About me

Always interested in electronics and programming. I love building my own devices and robots. Love open-source software and Unix-like systems. In my free time, I automate my home and ride my bike. I'm also a car enthusiast.

Interests

- Linux
- Embedded
- Skiing
- Photography
- HomeLab
- SmartHome

Languages

- Polish | Native
- English | B2

I agree to the processing of personal data provided in this document for realising the recruitment process pursuant to the Personal Data Protection Act of 10 May 2018 (Journal of Laws 2018, item 1000) and in agreement with Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46/EC (General Data Protection Regulation).

SHORT RESUMÉ

10.2024 - now	Expert Software Engineer APTIV · Kraków Creation of CI/CD pipelines, building Yocto, automatic deployment, bringups, LAB infrastructure, PoCs	
04.2022 - 10.2024	Embedded Software Developer A4BEE Sp. z o.o. · Wrocław (Remote) Lead embedded programmer, architecture creation, Linux Embedded, creating industrial IoT systems, MTP data structures, MQTT, OPC UA	
05.2021 - 03.2022	Software Developer MERIT AUTOMOTIVE ELECTRONICS SYSTEMS · Kraków Maintenance and code refactor in C lang, creating unit tests, developing QT application, porting the current embedded system to the new architecture	

DEGREES

2023	Master's degree IT AUTOMATION SYSTEMS · Wrocław University of Science and Technology	
2022	Bachelor's degree CONTROL ENGINEERING AND ROBOTICS · Wrocław University of Science and Technology	

SKILLS

- Languages** C, C++17, Python
- CI/CD** GitHub Actions, Jenkins, Tekton
- Cortex-A** Linux, QNX, VxWorks
- Cortex-M** Zephyr, FreeRTOS
- Infrastructure** Proxmox (Virtualization), Ansible (IaC), Terraform (IaC), MikroTik (Networking), Docker
- Tools** Git, CMake, Yocto, Buildroot, OpenEmbedded
- Other** 3D design & printing, basic of PCB design, SEP 1kV

CERTIFICATES & TRAININGS

04.2026	MikroTik Certified Switching Engineer MIKROTIK MTU, VLAN, STP, bonding, port isolation, QoS, PoE, port mirroring
12.2025	Embedded Linux Kernel NOBLEPROG POLSKA Linux, DeviceTree, drivers, debugging, Yocto
04.2024	Linux w Systemach Embedded BIS-LINUX.COM Yocto, Buildroot, SDK, configuring kernel and U-Boot, editing DeviceTree
09.2023	C dla Zaawansowanych UCGOSU.PL Mastering the C language and tools used to program microcontrollers
08.2022	MikroTik Certified Network Associate MIKROTIK WARSAW TRAINING CENTER Knowledge of: TCP/IP, Firewall, QoS, Routing, VPN
07.2022	ZASADY PROJEKTOWANIA ELEKTRONIKI POD KĄTEM EMC EMC FOR BUSINESS/AKADEMIA EMC EMC compliant PCB design and programming
06.2022	AWS Academy Graduate - AWS Academy Cloud Foundations AMAZON WEB SERVICES (AWS) Basic knowledge of AWS, building cloud architecture

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