Jakub Rosiak

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Rosiu34@gmail.com
City: Łódź, Poland
Age: 30

Education

- ✓ Wrocław University of Science and Technology (2016-2021)
  Field: Automation and Robotics – **Bachelor's degree**
- ✓ Electronics Technical High School (2012-2016)
  Field: Electronics Technician

Skills and certificates

- ✓ **TIA-Portal - advanced level (90% time on site)**
- ✓ **English: C1**
- ✓ **FANUC, KUKA – Course**
- ✓ **Zenon COPA-DATA - Course**
- ✓ **Driving license**
- ✓ **Strong practical experience with hand tools, power tools and multimeter**
- ✓ **Working on height's -cerificate**
- ✓ **SEE Electrical - Course**
- ✓ **SEP E1 + D1 (Electrical)**
- ✓ **Lenze Integra (Mercedes) - certificate**

Interests

- → Automotive mechanics (garage DIY, cars)
- → Sports: endurance training, weightlifting
- → Travel
- → Personal finance
- → Audio engineering

Professional summary

PLC Programmer and Commissioning Engineer specializing in Siemens automation systems, with 4 years of hands-on PLC programming experience and 6 years overall in the industrial automation sector. Strong background in commissioning newly built systems, including configuration, safety integration, testing, and on-site troubleshooting also in control cabinets. Proven ability to integrate PLC systems with SCADA and HMI platforms.

Analytical and patient problem-solver, focused on identifying and resolving root causes rather than symptoms. Holds a Bachelor's degree in Automation and Robotics and strongly believes in continuous learning and professional development as the foundation for technical expertise. A collaborative team player experienced in working with multiple programmers on complex projects, while also highly effective when working independently with deep focus.

Experience

Selfemployed: IO-LEAD Jakub Rosiak — 05.2025–Present

Position: PLC Programmer

Mecalux - Bordeaux, France — 05.2025– Present

Bardinet Automated Warehouse (capacity 20 000 pallets)

- ✓ **Safety Integration** – Fail-Safe communication: FLINK, PN/PN Coupler, ProfiSafe, SICK curtains, Leuze rotoscan, Lenze Drives.
- ✓ **External machines** – integration with our system.
- ✓ **Commissioning and debugging** – Code mainly done in SCL. Mastered debugging skills using traces and being aware what exactly is happening in PLC.
- ✓ **Control cabinets wiring** – Analyse and identify root causes of unexpected device behaviour with multimeter and electrical documentation.
- ✓ **Cooperative programming** – Worked in group of 6 plc programmers on the same PLC, which is demanding on synchronization, being aware what to do to not disturb others.
- ✓ **Networking** – Profinet networks configuration. Switching and routing on Siemens Scalance devices.

ControlTec – Automation integrator — 01.2022 - 01.2025

Position: Senior Programmer / Commissioning Engineer

Gremista, Scotland (offline) — 01.2024 - 12.2024

- ✓ Power substation software design **COPA-DATA Zenon SCADA** in accordance with the **IEC 61850**.
- ✓ Development of documentation: network, software.
- ✓ Configuration of Siemens **Ruggedcom** switches and GNSS clocks.

Umicore, Poland (on site) — 01.2022 - 01.2024

Buildings: P1A, P3B, P3C, P4CD

- ✓ Programming Siemens **PLC S7-1500** and HMI's TP1500 Comfort.
- ✓ Development and optimization of the production process in accordance with the **client's goals**. Production support.
- ✓ Drives commissioning: **Sinamics** inverters and Siemens **Simocode.**
- ✓ Use of electrical diagrams and **P&IDs.**
- ✓ **Team coordination** (4 programmers, 2 electricians).

3M Wrocław — 11.2019 - 01.2022

Position: Senior Maintenance Technician

- ✓ Machine's failures diagnostics, repairs. Assigned specialization in **PLC's** and **robots**. Line improvements. All reported in SAP.
- ✓ Use of **FANUC** and **KUKA** robots with programming corrections of positions. Troubleshooting by using their software.
- ✓ Molding machines maintenance.

DER.Net – Fiber optics – Part-Time — 2013-2015

- ✓ Fiber optic **welding, measurements**. Operating a welding machine and a reflectometer.
- ✓ Temperature's controller build for a server room, on a microcontroller **Arduino**.