

Predrag Milanović

Mechanical and IT Engineer

<https://github.com/predrag-milanovic>
<https://www.linkedin.com/in/predrag-milanovic>

(+49) 1520 6092702
info.predrag.milanovic@gmail.com

Expert in maintenance and optimization of amusement ride systems | Ensuring operational reliability and technical safety

Open to entry-level opportunities in the IT sector, with ongoing career development in Fullstack Development | DevOps | Data Engineering | Machine Learning

Continuous development in Mechanical Engineering with focus on Energy Systems Engineering and Efficiency

Website: <https://predrag-milanovic.com>

Core Skills

- Technical drawings and documentation (**CAD**)
Reading | Interpreting | Creating
- MS Office and MS Project
Planning | Scheduling | Project Tracking
- Basic knowledge of instrumentation and control systems **Sensors | Actuators | PLC | SCADA Systems**
- **HTML CSS JS | Frameworks | APIs | Databases | Servers**
- Customer service and technical support
Communication | Troubleshooting
- Languages **English | German | Serbian | Afrikaans**

Career Summary

Dec 2024 – Present | **Europa-Park GmbH & Co Mack KG** (Europa-Park Resort)
Rust, Germany | Maintenance Engineer

Organizing and performing inspections and repairs to ensure operational functionality of:
Mechanical / Hydraulic / Pneumatic / Electrical Systems

Safety Compliance & Preventive Maintenance:

Scheduled maintenance activities / Ensuring and enforcing safety standards / Performing load and performance tests / Documentation for certifications and audits

System Performance Optimization:

Wear reduction / Continuous adjustments and calibrations / Improvement of operational reliability

Troubleshooting & Operational Continuity:

Fault diagnosis and repair of ride system malfunctions / Minimization of downtime while maintaining full safety compliance

Feb 2023 – Nov 2024	HANSA-PARK Freizeit- und Familienpark GmbH & Co. KG
Sierksdorf, Germany	Maintenance Technician

Inspection, maintenance, and repair of:

Ride systems and show effects / Assembly and disassembly of mechanical components

Management of:

Spare parts / New installations / System availability

Mechanical workshop tasks:

Fabrication of fixtures and custom components / Metal surface treatment and corrosion protection

Welding / Assembly work / Turning / Milling / Drilling / Grinding

2019 – 2023	Plopsaland GERMANY Karls Erlebnis-Dorf Belantis das AbenteuerReich HANSA-PARK Freizeit- und Familienpark
(nationwide)	Rides, Guest Services & Technical Support

Seasonal employment during semester breaks across major German amusement parks.

Responsible for safe ride operation, guest support, and operational duties across multiple park areas.

Key Tasks & Responsibilities:

Ride operation in accordance with safety and operational standards / Daily safety and functionality checks / Preparation of logs, shift reports, and safety documentation / Guest communication and visitor support / Assistance with access control, ticketing, and information points / Stock handling and inventory in retail areas / Support of technical teams during routine inspections

Education & Qualifications

- ✓ **M.Sc. in IT-Engineering – 120 ECTS**, Pan-European University „Apeiron“, Faculty of Information Technology, Banja Luka, Bosnia and Herzegovina, Ongoing;
- ✓ **ÖSD Certificate B1 – German**, Banja Luka, Bosnia and Herzegovina, 2023,
- ✓ **Bachelor of Engineering, Thermoenergetics – 180 ECTS**, University of Banja Luka, Faculty of Mechanical Engineering, Banja Luka, Bosnia and Herzegovina, graduated 2021;
- ✓ **Secondary Education Certificate**, Technical High School, Banja Luka, Bosnia and Herzegovina, graduated 2013;