

# Predrag Milanović

Mechanical and IT Engineer

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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

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

## Career Summary

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**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*

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**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*

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**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

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- ✓ **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;