Luka Ivan Novosel

Mechatronics Technician · Assembly Cells

mechatronics-technician@example.test · Zagreb, Croatia

Summary

Mechatronics technician maintaining automated assembly cells and conveyor interfaces. Uses machine status records, wiring diagrams and observations from operators to diagnose intermittent faults.

Experience

2022-02 – Present **Mechatronics Technician**
Marevic Motion Works

- Maintained photoelectric sensors and pneumatic actuators on four assembly cells. Recorded the verification checks after each intervention.
- Identified intermittent connector failures during fixture changeovers. Updated the cable inspection checklist and shared it with shift leads.
- Tracked recurring pick faults on the same two robots. Recorded eight events in the first month and three after replacing worn gripper pads.

2019-09 – 2022-01 **Electromechanical Maintenance Assistant**
Blue Meridian Components

- Verified replacement motor tags and encoder references against maintenance records before handing a completed job to the lead technician.
- Matched alarm timestamps to operator notes so recurring faults could be investigated across shifts.

Education

2019 **Diploma in Mechatronics**
Zagorje Applied Systems College

Skills

Sensor fault finding · Pneumatic actuation · Wiring diagrams · Machine event logs

Languages

Croatian · English