

PROFESSIONAL SUMMARY

Manufacturing and Mechatronics professional with 9+ years of experience in high-tech production environments. Strong background in automation, equipment installation, process optimization, and production support. Experienced in cross-functional collaboration, MES/ERP systems, troubleshooting complex machinery, and improving manufacturing workflows in scalable industrial settings.

EXPERIENCE

- AM-Flow

Nov 2023 – Present

Mechatronics Technician / Project Manager

Eindhoven, NL

– Led customer manufacturing automation projects from concept to delivery, coordinating engineering, supply chain, and production activities

– Planned and optimized machine installations, reducing setup and commissioning time through improved preparation and workflows

– Optimized additive manufacturing processes to prepare systems for automated production

– Managed logistics, inventory tracking, purchasing, and supplier coordination

– Used GitLab, MES-style tooling, and structured task tracking to support production and customer support
- AM-Flow

Aug 2022 – Oct 2023

Mechatronics Technician

Eindhoven, NL

– Installed, tested, and commissioned automated manufacturing systems

– Supported system demonstrations and trade shows, including machine setup and fault resolution

– Designed mechanical components and layouts for automation equipment

– Worked hands-on across mechanical, electrical, and software domains
- Shapeways

Sep 2016 – Jul 2022

Manufacturing Engineer – 3D Printing Engineer

Eindhoven, NL

– Maintained and troubleshoot industrial 3D printing systems (EOS, HP MJF, 3D Systems, EnvisionTEC)

– Supported high-mix, high-volume production while maintaining quality and uptime

– Executed pre and post-production workflows and quality improvement initiatives

– Used MES systems for production planning, order tracking, and shipping

EDUCATION

Year	Degree	Institute	Result
2013–2016	Mechatronics (Level 4)	Instituto de Educação Técnica, Lisbon	Completed

TECHNICAL SKILLS

- **Manufacturing & Production:** Process optimization, equipment installation, commissioning, continuous improvement, troubleshooting, quality standards
- **Automation & Engineering:** Electro-mechanical systems, CNC basics, 3D design, additive manufacturing, system integration
- **Software & Systems:** MES/ERP systems, GitLab, Linux, Windows, Google Workspace, scripting basics

CERTIFICATIONS

- HP 3D Operator Training and Certification (MJF 4200)
- Google IT Support Fundamentals
- Perfactory 3D Printer Advanced Training
- BMI (Brandmeldinstallatie)

LANGUAGES

English (Native) | Portuguese (Native) | Dutch (Professional proficiency)

PERSONAL PROJECTS

- DynoTech Computers

2019 – 2021

Co-founder / System Builder

– Built, repaired, and serviced computer systems for private clients

– Handled customer interaction, quotations, invoicing, and technical troubleshooting
- Proxmox Virtual Server

Ongoing

System Administration

– Managed a Proxmox server hosting multiple virtual machines and services

– Gained hands-on experience in Linux administration, networking, and automation