

## Flavia Ferreira

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### Who I am?

Hi! I am a manufacturing engineer, passionate about technology. Give me a chance and I will be bringing over 6 years of experience in manufacturing and supply chain. And someone that leads by example, and enjoys team work. I take pride in my hard work and enjoy embracing challenges as valuable learning opportunities. I'm looking for continuous career growth, always looking for improvement and excellence. Whilst staying open to self-improvement, working for and as a team.

You can see how passionate I'm about my job [here](#) and [here](#).

### My Skills

Microsoft Power Query ▶ Microsoft Power BI ▶ Microsoft 365 ▶ Product Lifecycle Management ▶ Electronics Technology ▶ Consumer Electronics ▶ Electronics Manufacturing ▶ PLM Tools (Arena & SAP) ▶ REST APIs ▶ Data Wrangling ▶ Python ▶ NetSuite ▶ Languages : Spanish, Portuguese, English

### My Professional Experience

*Focusrite Audio Engineering Limited — November 2021 - Present / Production Engineer  
(Berlin - High Wycombe)*

- ▶ PLM System Trainee: As the designated trainee for the Arena PLM across all companies in the group. My role, is to introduce our systems and processes to new members from other departments like operations, logistics, mechanical design, and service. I support multiple engineering teams in setting up internal processes enhancing procedures and workflows using tools like Youtrack and Jira.
- ▶ Production Engineering Trainee: Additionally, I have been introducing new production team members to our workflows, conducting inductions, reviewing Engineering Change Orders (ECOs), and supporting them in their OKRs.
- ▶ Collaborate closely with external vendors and the mechanical designer team to explore sustainable packaging alternatives, promoting environmentally friendly practices. In parallel, I'm actively participating in process improvement, cost-down initiatives, and knowledge sharing across the company.
- ▶ Oversee the maintenance of the Bill of Materials (BOM) for products in mass production and NPIs, ensuring accuracy and up-to-date information. Furthermore, support the implementation of the Arena PLM procedures, sharing insights to elevate BOM management.
- ▶ Manage End-of-Life (EOL) components, ensuring timely replacement or adaptation thru ECO/ECN process to ensure an efficient supply chain. And optimize procedures across Hardware and QA departments.
- ▶ Identify alternate components to mitigate shortages or long lead times, averting production delays of NPIs and products in Mass Production.
- ▶ Implement Design for Manufacturing (DFM) and Design for Assembly (DFA) principles, optimizing manufacturability and assembly processes to improved efficiency and standardization for all companies across the group.
- ▶ Keep up-to-date in industry trends and advancements such as Lean Six Sigma Methodologies and Continuous Process Improvement. Leverage this knowledge to drive enhancements in production processes.
- ▶ Troubleshoot and resolve production-related issues proactively, communicating with stakeholders to prevent future challenges and identifying pragmatic solutions to address production challenges.

Mod Devices GmbH — July 2020 - July 2021 / Production and QC Coordinator  
(Berlin)

- Planning, implementation and documentation of production and quality control processes
- Repair of defective hardware, including documentation and customer communication
- Construction and validation of prototypes for hardware development
- Cooperation with external services providers for production
- Logistics for production, fulfillment, and customer support

Patch Point GmbH — September 2018 - February 2020 / Production Manager (Contractor)  
(Berlin)

Patch Point works as a contract manufacturer for brands like Ciat Lonbarde, Serge by Random Source, and some products from The Human Comparator such as Two Thousand Six Hundred (clone of the Arp 2600) and the SY1 (clone of the Syncussion)

Out of many other costumers, I'm proud to be the person who built all the Serge systems and the TTSH for the University of New York (US). At Patch point my responsibilities were :

- Soldering, Assembling, Testing & Calibrating the instruments.
- Procurement of components and production materials
- Troubleshooting
- Staff management & Training
- Documentation of production processes
- Setting up an inventory system and organisation of the production line

Konstruktiv GmbH— 2018 Prototyping Assembly (Contractor)  
(Berlin)

Koma Elektronik GmbH— 2018 / Production Line Technician (Contractor)  
(Berlin)

Winter Modular SL — 2017 / Production Line Technician (Contractor)  
(Barcelona)

Befaco SL— 2016 - 2017 / Production Line Technician (Contractor)  
(Barcelona - Sweden)

- General Assembly of all products
- Repairing & Troubleshooting
- Quality Control & Testing

## **Education**

Bachelor Degree in Law (University of Alicante - 2010)

Music Producer (SAE Institute - 2011)

Music Business (Beatlabs Academy - 2015)

Snowflake for Developers (Udemy - 2022)

## **Volunteer Work**

- Mentor for the Audio Developer Conference Mentorship Program (2023)