

### Title of DTI Project

Visual Management and Digital Workflow Transformation

### Role Profile/Job Description

 Digital Internship Opportunity: Help Digitise a Traditional Manufacturing Workflow Are you interested in modernising real-world manufacturing processes? Join a precision engineering company in Greater Manchester on their journey to ditch paper-based systems and adopt smarter, digital ways of working.  What you'll be working on: You'll lead a hands-on project to replace handwritten job sheets and production logs with simple digital tools. The goal is to improve how jobs are tracked, managed, and communicated across the factory floor – boosting efficiency and visibility.  Key tasks include: Mapping current paper-based workflows with the team Creating user-friendly digital forms and visual dashboards Trialling and refining these tools with real staff feedback Training staff and supporting the wider rollout  Skills you'll need: Confident using Excel, Google Sheets, or tools like Power BI Comfortable communicating with both office and shop floor teams Curious, practical, and able to learn from hands-on testing (Bonus) Familiar with low-code platforms or barcode tools  Why it matters: Your work will reduce admin time, improve communication, and make production more transparent — leaving behind real tools the business will keep using. Perfect for someone who wants to see the real-world impact of digital innovation.

### Duration of internship

300 hrs

### Business Overview

The Client is a precision manufacturer based in Greater Manchester, specialising in mould tooling for a range of industrial customers. The business has invested in CNC technology and CAD/CAM systems but continues to rely heavily on manual and paper-based workflows, particularly in job tracking, scheduling, and production reporting. Orders are currently handwritten, and there is no real-time visibility of work in progress. This project will support the Client's journey towards digital maturity by introducing visual management tools and digitising core manual processes to improve efficiency, traceability, and decision-making.

### Skills required

- Familiarity with data tools (Excel, Google Sheets, Power BI, or equivalent)
- Basic understanding of manufacturing workflows
- Strong communication and training skills
- Ability to problem-solve and iterate based on user feedback
- Optional: knowledge of low-code tools

### Location

Greater Manchester



## Digital Technology Internship – Role Profile

Start date

Summer/Autumn 2025

Reference Number

8631