

Project Title Development of a Digital Planning and Time-Keeping System with AI Integration

Job Description:

We are seeking a highly motivated and innovative intern to support our Made Smarter Adoption initiative by developing a digital solution for planning and time management within our workshop. This project aims to digitise job scheduling and workshop hours tracking, identify areas where time is being wasted, and utilise data insights to improve project pricing and efficiency.

Responsibilities:

- 1. System Development and Implementation:**
 - Design and develop a digital planning and time-keeping system tailored to our operations.
 - Ensure the system is user-friendly and integrates seamlessly with existing workflows.
- 2. Data Analysis and Optimisation:**
 - Analyse time management data to identify inefficiencies in operations.
 - Create tools for real-time monitoring of tasks such as welding, laser cutting, press brake operations, and other workshop activities.
- 3. AI-Driven Estimation System:**
 - Develop an AI-based system to estimate future project timelines and resource requirements based on historical data.
 - Implement predictive analytics to support more accurate project pricing and planning.
- 4. Testing and Feedback:**
 - Collaborate with the team to test the system and gather feedback for refinement.
 - Train staff on the use of the new digital tools.

Outcome:

By the end of this project, we aim to have a fully operational digital system for job planning and workshop hours, supported by an AI tool for estimating future works. This system will enhance operational efficiency, reduce waste, and improve pricing accuracy for future projects.

Duration of Internship

Flexible between 8-12 weeks

Skills Required

Confidence in working with digital technology relevant to the internship project. Strong analytical and problem-solving skills. A keen interest in process improvement and digital transformation.

Location

WORR Ltd
Little Bedford Street
North Shields
NE29 6NW

Start Date

Summer 2025 start date flexible

How to apply

Send cover letter and CV to James English via email to info@worr.co.uk