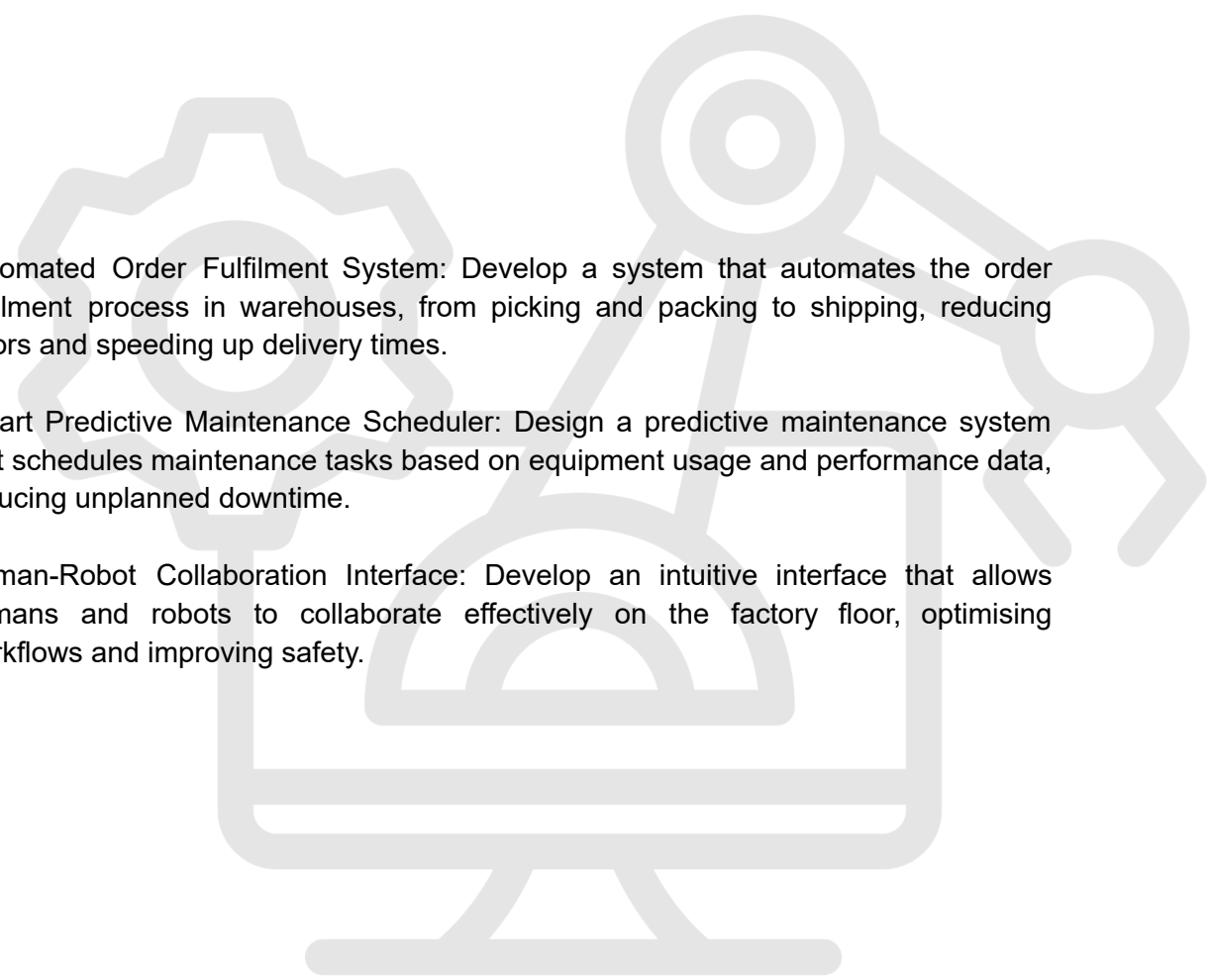




Problem Statements
for
Industry Automation

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- A faint, light gray background illustration of industrial machinery, including a large gear, a robotic arm, and a computer monitor, positioned behind the list of problem statements.
1. **Automated Order Fulfilment System:** Develop a system that automates the order fulfilment process in warehouses, from picking and packing to shipping, reducing errors and speeding up delivery times.
 2. **Smart Predictive Maintenance Scheduler:** Design a predictive maintenance system that schedules maintenance tasks based on equipment usage and performance data, reducing unplanned downtime.
 3. **Human-Robot Collaboration Interface:** Develop an intuitive interface that allows humans and robots to collaborate effectively on the factory floor, optimising workflows and improving safety.