



# Example of Automation Engineer, Senior Job Description

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Our growing company is searching for experienced candidates for the position of automation engineer, senior. Thank you in advance for taking a look at the list of responsibilities and qualifications. We look forward to reviewing your resume.

## Responsibilities for automation engineer, senior

- Prepares standard operating procedures (SOPs) for new and existing control equipment
- Trains users on control system functionality (Programmable Logic Controller, Computer/ Control Networks, Control Computers and Instrumentation)
- Troubleshoots and diagnoses control system problems, working closely with maintenance, control technicians, and metrology
- Supports software lifecycle, and electronic records/electronic signature compliance efforts
- Designing solutions to ensure quality and stability of automation systems through future expansions, replacements, or upgrades
- Using technical knowledge to assure the efficient operation of a variety of automated processing and information technology systems
- Develops solutions for automation problems
- Understand and support all cGMPs, safety, and environmental regulations
- Periodically reviews automation documents, performs preventive maintenance, and revises or develops automation Standard Operating Procedures
- Communicates periodically with immediate supervisor about the status of area of responsibility

## Qualifications for automation engineer, senior

- Skilled in the delivery methodology used by the team (Agile, Scrum, Agile XP, Test-Driven Development, Waterfall)
- Integrates software and hardware sub-systems in new systems, upgrades, enhancements and conversions
- Hands on experience with communication and IT design of infrastructure , fibre optic, network design, architecture of industrial control systems, networking, radios, wireless, underground wireless, leaky feeder, CCTV ., but not limited to OSI PI, Data Historian, Production Systems
- Bachelors in Electrical, Electronics, Chemical or Computer Engineering
- Ability to evaluate automation systems from a compliance perspective and ensure adherence to applicable standards