1. Created electrical schematics using AutoCAD Electrical Toolset.
2. Mentored junior engineers and new hires to better improve competency and efficiency of all staff.
3. Coordinated with vendors to identify and procure appropriate equipment necessary for project completion.
4. Determined most effective approaches to new projects by reading and analyzing blueprints, drawings and sketches.
5. Designed concepts that included module placements, conduit routing and inverter locations.
6. Designed multi-agent system for organization in [Type] industry.
7. Initiated project management knowledge study and subsequently standardized project management practices.
8. Created, aligned and optimized electrical instrumentation and testing equipment.
9. Applied appropriate engineering methods to all project discipline standards.
10. Planned all project resources and budgets.
11. Reviewed specifications, drawings and project manuals.
12. Coordinated activities between cross-functional teams, including designs, tests and build activities.
13. Performed in-depth electrical acceptance testing of completed hardware, including continuity and high-potential isolation testing.
14. Rendered technical drawings and electrical systems specifications exceeding company standards.
15. Served as project manager and technical leader for [Number] electrical project developments across [Timeframe].
16. Identified specific cables, connectors, fuses, circuit breakers and other electrical devices required for installation of monitoring systems and weapons detection systems.
17. Evaluated installed electrical equipment and systems to isolate faults and implement corrective actions.
18. Collaborated successfully with cross-functional development teams to design and manufacture new [Type] products.
19. Improved methods for measurement, documentation and work flow management.
20. Monitored manufacturing operations of electrical devices for compliance with safety protocols.