

## Role Profile: Industrial Developer

Role	Core Performance OUTCOMES	Supporting TALENTS	Supporting SKILLS	Supporting KNOWLEDGE
<b>Industrial Developer</b>  <b>Reports to:</b> <b>Operations Manager</b>	<ul style="list-style-type: none"> <li>• Clear technical details for designs to be documented.</li> <li>• Efficient, accurate and commented code development, bug free</li> <li>• Follow and help generate code and revision tracking standards</li> <li>• Easy to use interfaces.</li> <li>• Documented testing procedure.</li> <li>• Develop &amp; implement strategy for others to efficiently test code.</li> <li>• Management of tasks and on time delivery</li> <li>• Develop as per CAS Project Delivery Standards</li> </ul>	<ul style="list-style-type: none"> <li>• Organized</li> <li>• Structure Oriented, Linear Thinker</li> <li>• Creative thinking</li> <li>• Team Player</li> <li>• Clear and Open Communicator</li> <li>• Think using object oriented designs</li> <li>• Time Organization</li> </ul>	<ul style="list-style-type: none"> <li>• Ability to manage development, test and production environments</li> <li>• Object Oriented Programming</li> <li>• Structured testing program for code</li> <li>• Well commented code</li> <li>• Electrical proficiency with industrial automation situations</li> <li>• PLC and HMI Programming capability</li> <li>• Excellent troubleshooting and problem solving abilities</li> <li>• Experience with Rockwell Software and Allen Bradley PLCs</li> <li>• Electrical, instrumentation and control system commissioning</li> </ul>	<ul style="list-style-type: none"> <li>• Industrial Diploma with Industrial Controls focus.</li> <li>• Electrical Engineer with controls focus</li> <li>• Accredited courses in PLC Programming, ladder logic, structured text, function block</li> <li>• Accredited courses in HMI Programming</li> <li>• Instrumentation</li> <li>• Control Panel Design and Support</li> <li>• Java</li> </ul>

Primary Duties	<i>Actions &amp; Behaviors required to achieve Performance Outcomes</i>	Resources Required
<ol style="list-style-type: none"> <li>1. PLC and HMI programming</li> <li>2. Electrical designs and drawings using Solidworks Electrical</li> <li>3. Ensure Solidworks Electrical contains a complete bill of materials for procurement.</li> <li>4. Designs reviewed and confirmed with Project Lead.</li> <li>5. Communicate PLC requirements to PLC programmers to ensure correct data is available for data warehouse</li> <li>6. Develop designs for functionality and interfaces</li> <li>7. Development of custom applications and optimizing existing custom applications</li> <li>8. Follow structured testing procedures</li> <li>9. Track and communicate project schedule with Project Lead.</li> <li>10. Establish VPN Connections and remote access protocols with customer sites</li> <li>11. Generate Technical Documentation</li> <li>12. Client Support and commissioning support on site - travel as required.</li> <li>13. Support other departments as required.</li> </ol>		<ul style="list-style-type: none"> <li>• Managerial support</li> <li>• Clearly defined designs</li> <li>• Clear scope and schedule requirements for projects</li> <li>• Equipment, tools, training, environment</li> <li>• Technically and financially viable projects</li> </ul>