Key Responsibilities:
• Identify requirements and design automation systems for factory automation
• Plan and perform proof-of-concept tests and follow-up with validation reports
• Configure automation system to suit its application
• Optimize the processes of the automation system
• Integrate and commission the automation system
• Perform robot teaching and the troubleshooting of robot, PLC and machine
• Operate CNC machine and cell management system to test the automation system
• Develop new software to integrate with other systems
• Provide training to internal and external customers
• Troubleshoot issues faced by customers and provide viable solutions
• Prepare the automation system layout
• Prepare project and development schedule with clear milestones
• Engage and collaborate with other engineers to meet project objectives

Job Requirements:
• Diploma/degree in engineering with specialization in robotics and/or mechatronics
• Experience with system design, mechanical design and drawing preparation
• Experience with electrical circuit diagrams, PLC ladder programming and basic programming language
• Experience with 6-axis robot programming
• Familiarity with various types of sensors and actuators
• Familiarity with machine tools industry and engineering processes
• Team player, self-driven and result-oriented