



# Component Technology Pte Ltd

## JOB DESCRIPTION

<b>Job Title:</b>	Software Engineer	<b>Department:</b>	
<b>Reporting To:</b>		<b>Location:</b>	Singapore

### Objective / Purpose of the Job

We are looking for highly skilled software engineer to work on sophisticated mechanical/ electrical/ vision/ optical systems..

### Key Activities / Accountabilities

- Responsible for full lifecycle of development. From gathering requirements specifications, through analysis, design, implementation, test, and to support.
- Analyse problems to access root cause, collect and characterize data to gain understanding of system behaviour.
- Perform or lead product design, system analysis and programming activities.
- This includes designing and building GUI, data flow, motion control, and factory integration.
- Plan machine operation process and coordinate with other cross-functional software engineers/teams, such as field application engineers, communication, automation and machine vision teams
- Source code and version control, documentation for the development
- Includes limited travel to customer sites.
- Any other duties as assigned.

### Working Conditions

- High level of personal flexibility
- Working beyond office hours when the need arises

### Preferred Qualifications, Experience and Skills

Qualification:	<ul style="list-style-type: none"> <li>• Degree in Computer/Electrical/Electronic/Information/Automation Engineering or Computer Science</li> </ul>
Experience:	<ul style="list-style-type: none"> <li>▪ Experience in automation system or machine vision system development.</li> <li>▪ Semiconductor industry exposure.</li> <li>▪ Experience in SEMI factory Automation, SECS/GEM.</li> <li>▪ Experience in Strip Mapping / Wafer Mapping.</li> </ul>
Technical Skills:	<ul style="list-style-type: none"> <li>▪ Good programming skills and style, esp. in object oriented programming, preferred C/C++ programming for Windows</li> <li>▪ Well understanding of the object oriented system design, modularization and design pattern</li> <li>▪ Strong experience in one GUI framework, such as MFC, wxWidget and etc</li> <li>▪ Software interfacing with hardware devices.</li> </ul>
Competencies:	<ul style="list-style-type: none"> <li>▪ Communication capability with all levels</li> <li>▪ Proactive, highly motivated, self-directed, able to function within a fast-paced environment, and fast learner.</li> </ul>

Language Capability:

- Proficiency in spoken and written English required