

<b>JOB TITLE</b>	IoT INTERN	<b>GRADE</b>		<b>REPORTS TO</b>	Technical Manager
<b>JOB PURPOSE</b>	<p>We are seeking an energetic, responsible intern to join our organization. In this position, you will be expected to learn and gain industry knowledge of the Internet of Things (IoT) particularly in the manufacturing environment. The IoT Intern will gain insight into the Internet of Things by working closely alongside ThingWorx Application Engineers in a supporting capacity.</p>				
<b>JOB OPPORTUNITY</b>	<p>ProductONE is a forward-thinking SME looking to give our customers the opportunity to grow by successfully implementing our software and services solutions. We partner with like-minded global software OEM's that bring leading, disruptive technologies to the African market which is then backed by productONE local expertise and experience.</p> <p>The Internship at productONE will allow the intern to be exposed to industry leading technologies in the fields of the Internet of Things (IoT), Augmented Reality (AR), Computer Aided Design (CAD) and Product Lifecycle Management (PLM).</p> <p>A successful Intern will be in a prime position to apply for a permanent position at productONE or one of its customers should such positions become available.</p>				
<b>KEY RESPONSIBILITIES</b>	<ul style="list-style-type: none"> <li>• Implementation and configuration of IoT-based applications</li> <li>• Supportive role in creation of customer scope of work documentation (SOW)</li> <li>• Contribute to Proof of Concept projects at customers</li> <li>• Support of the pre-sales team with custom and standard demonstration material.</li> </ul>				
<b>MINIMUM REQUIREMENTS</b>	<ul style="list-style-type: none"> <li>• BSc/BEng in Mechatronics, BSc/BEng in Industrial Engineering with strong IT skills and interest.</li> <li>• Understanding and working knowledge of TCP/IP Protocols and technologies including: <ul style="list-style-type: none"> <li>○ DNS</li> <li>○ IP-Routing</li> <li>○ SFTP</li> <li>○ SSH</li> </ul> </li> <li>• Software Development fundamentals</li> <li>• JavaScript</li> <li>• Basic small factor computing technologies like Raspberry Pi and Arduino</li> <li>• Operating systems including Windows and Linux.</li> <li>• Proficiency in Microsoft Office suite.</li> </ul>				

<b>KEY PERFORMANCE AREAS</b>	<ul style="list-style-type: none"> <li>• Pre-sales support</li> <li>• Services delivery</li> </ul>	<b>PERSONAL AND BEHAVIOURAL COMPETENCIES</b>	<ul style="list-style-type: none"> <li>• A Value system that aligns to that of the company and includes:               <ul style="list-style-type: none"> <li>○ Openness and integrity</li> <li>○ Boldness</li> <li>○ Ownership</li> <li>○ Excellence</li> <li>○ Resilience</li> </ul> </li> <li>• Ability to interact and communicate successfully, verbally and in writing, with people at all organisational levels</li> <li>• Self-confidence and discipline.</li> <li>• Ability to multi-task.</li> <li>• Team player</li> <li>• Fast, continuous learner</li> <li>• Responsiveness</li> <li>• Good problem solving using simplification skills</li> </ul>