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| 3P Innovation Job Description  |  |
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| **JOB TITLE:** | Controls Engineer  |  | EMPLOYEES RESPONSIBLE FOR: | N/A |
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| REPORTING TO: | Controls Team Manager  |  | DEPARTMENT:  | Controls |
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| LOCATION: | Warwick  |  | TRAVEL REQUIRED: | Approx. 5% of time  |
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| Company Overview 3P innovation is Based at our office in Warwick. 3P innovation is a leader in the manufacture of automated machinery for the pharmaceutical, medical device and FMCG industries. See Recruitment Brochure for more details on careers with 3P Innovation. |
| JOb Purpose  The role requires a driven individual to work as part of a multi-disciplinary team creating bespoke automation solutions to solve our clients manufacturing and testing needs. The role includes PLC / HMI design, programming, commissioning, and problem solving throughout the full life cycle of a project from early-stage conception and sales support, through build and commissioning, and on to installation and aftermarket support. The role can also include Robot programming, Vision systems, and any other technology that is required to meet our customers’ requirements. |
| Key responsibilities and Duties  |
| 1. Designing, coding, commissioning, testing, and aftermarket support for our worldwide bespoke machinery.
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| 1. Working as part of a multi-disciplinary team to respond to requirements and resolve issues
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| 1. Supporting the creation of documentation such as Software Design Specifications, Test records, O&M manuals, Software Releases, and Disaster Recovery.
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| 1. System validation including Factory Acceptance Testing (FAT), and onsite validation and handover to customer.
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| Essential knowledge, Skills and Abilities * Passionate about automation
* Must be fluent in both spoken and written English language
* Must be willing to travel (typically less than 5% of time)
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| **Desirable knowledge, Skills and Abilities** * Familiarity with Object Orientated programming, and source control using git
* Basic electrical knowledge and experience
* Basic knowledge of mechanical and pneumatics principles
* Beckhoff / Siemens control systems experience
* Experience working in the pharmaceutical industry
* Familiarity with GAMP / 21CFR11 / Eu Annex 11 / GMP
* Experience with developing Robots, Machine vision, SCADA / MES
* Experience working with communication protocols e.g. EtherCAT, Profinet, CAN, IP, Serial etc.
* Experience with .net and SQL
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| **Our Values** (Principles) |
| Innovation | Experimentation: Embrace the continual development of new processes, ideas, and solutions. |
| Adaptability: Commit to learning and evolving in response to challenges. |
| Problem Solving: Foster an environment that encourages solutions and creative breakthroughs. |
| Collaboration | Learning and Sharing Knowledge: Knowledge shared is knowledge squared. Build collective expertise by exchanging information across teams. |
| Support and Teamwork: Actively work together, not just alongside, to achieve shared goals. |
| Clear and Open Communication: Effective collaboration requires clarity, transparency, and accountability. |
| Integrity | Trust and Accountability: Build and maintain confidence through transparency, honesty, and consistency. |
| Respect for Others: Foster a supportive and inclusive environment where all perspectives are valued. |
| Dependability and Openness: Ensure reliability in actions and openness in communication to strengthen relationships. |

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| **Subject to change**The responsibilities outlined above provide a general overview; however, additional duties may be assigned as necessary to meet departmental objectives. |