**Graduate Internship Programme – Employer Job Description**

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| **Job title** | Graduate Technical Assistant (STL) |
| **Organisation** | Silicon Technix Ltd |
| **Line manager who the intern will report to** | Rizwan Ghauri (Owner) / Bhuvani Thiyagarajan (Project Manager) |
| **Is this role hybrid working or permanently onsite at your company?** | Hybrid |

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| **Please provide a one sentence description for advertising the role on the GI website** |
| Join Silicon Technix Ltd as a Graduate Technical Assistant! You'll learn all about being an IT professional, gaining lots of experience to kick-start your career. |

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| **Main purpose of the job** |
| The aim of the internship is for the post holder to gain employability skills and experience of working in a professional working environment and an understanding of aspects of the business.To provide technical and curriculum support, demonstration and supervision for the technical facilities, equipment for the **Silicon Technix Limited.** This includes the set-up, maintenance of resources and equipment, and the provision of technical assistance to students and academic staff. The post holder will work as part of a team to enable the effective operation and delivery of technical support and services in the **Silicon Technix Limited**, and to actively promote the services and cross-disciplinary working.Graduate Interns will be supported throughout their internship with a programme of development and evaluation. |

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| **What you will gain from this internship** |
| * Gain practical knowledge in all aspects of software development, from design to deployment.
* Work closely with different role professionals who will guide and mentor you throughout your internship.
* Understand and apply coding standards and industry best practices in a real-world setting.
* Play an active role in solving real-world problems and making meaningful contributions to projects.
* Build a strong foundation for a successful career in IT with the skills and experience gained at Silicon Technix Ltd.
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| **Key areas of responsibility** |
| * Collaborate with senior developers, project managers and cross-functional teams to comprehend the requirements and objectives within project timelines.
* Assist in the design, development, and testing of software applications. Also assist in the implementation of software best practices and standards across projects
* Participate in code reviews to ensure code quality and adherence to coding standards. Contribute to troubleshooting and debugging of software issues
* Provide technical support to internal teams and clients as needed. Document code and technical processes for future reference.
* Research and explore new technologies, tools, and methodologies to enhance development processes.
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| **Skills/knowledge that would be desirable** |
| * Understanding of software development principles and methodologies.
* Proficiency in programming languages such as HTML, CSS, Javascript, C++, .NET, etc.,
* Familiarity with software development tools and environments.
* Excellent problem-solving and analytical skills.
* Strong communication and teamwork abilities.
* Eagerness to learn and adapt to new technologies and challenges.
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| **Recruitment criteria** |
| Graduate must have completed an undergraduate degree, BA/BMus/BSc/BEng/LLB etc. and be from the summer graduating class of June/July 2023. |

Updated: Jan 2024