**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