

Software Engineer - Performance

July 2021



Job Purpose

Maintain and develop software for Endace products as identified in technical design and functional specification documents. Produce supporting tests, documentation, and guides. Continually seeks to improve on deliverable.

You will be responsible for running, extending and maintaining Endace's automated performance test lab.

Key Responsibilities

Technical

- Develop code and test functional software that complies with specification within time estimate to specified quality levels
- Develop software using languages and tools specified by Endace and as outlined in development standards/guidelines
- Ensure that functional software executes without unexpected errors
- Create and perform software tests
- Keep up with emerging technologies / best practices
- Be aware of and practice good open source license usage procedures
- Focus on automation and problem investigation
- Any other reasonable duties as required.

Organization

- Complete administrative tasks as directed in an accurate and timely manner
- Comply with safe working practices in accordance with Health and Safety Procedures
- Observe and comply with all policies, procedures and quality management systems
- Effectively communicate and provide constructive feedback
- Support and contribute to Endace's overall organizational vision, values and culture
- Assist other staff as directed
- Complete and participate in Career Development Planning
- Show and guide new staff how to undertake tasks and duties as required.

Competency Profile

Technical

- Degree in computer science, engineering or closely-allied discipline
- Experience working in software teams
- Experience developing in Linux environments and working with related technologies, eg. Bash etc.
- Experience with Python 3
- Experience with test automation frameworks such as Robot or PyTest
- Experience with Git
- Working knowledge of modern networking technologies and Ethernet traffic protocols
- Working knowledge of network protocol analyzers eg Wireshark, TCPdump

Core

| | |
|---------------------------------------|--|
| Interpersonal Skills | Understands the attitudes, interests, needs and perspectives of others. Listens carefully and non-defensively to various points of view whether or not they agree with these. |
| Achievement Drive and Energy | A drive for success and perseuse results. Is action oriented and pursues things with energy and drive. Dedicated, committed, enthusiastic, positive and motivated. |
| Planning, Organising and Prioritising | Undertake set work plans that have localised impact. Keeps a view of department priorities. |
| Communication Skills | Able to communicate logically, clearly, effectively and confidently at all levels. Listens intently and ensures other party feels they have been heard and understood. |
| Tolerance to Ambiguity | Is able to draw together conclusions from incomplete evidence and data seeking guidance if required. |

Competitive Edge

- C and/or Java development experience desirable
- Devops experience desirable
- Familiarity with L4-L7 test equipment (eg Breaking Point)
- Familiarity with continuous integration tools such as Bamboo

| | | | |
|----------------------------|---------------------------------|---------------------------|-------------|
| Date: | July 2021 | Job Code: | 18110 |
| Title: | Software Engineer – Performance | Level: | Technical 2 |
| Position Reference: | END083 | Employment Status: | Permanent |
| Department: | Software | Hours: | Fulltime |
| Physical Location: | Hamilton | Budget Level: | NA |
| Responsible to: | Engineering Manager | Team Leadership: | Nil |