



マレーシアの求人なら
JAC Recruitment Malaysia

PR/159728 | Test Program Development Engineer

Job Information

Recruiter

JAC Recruitment Malaysia

Job ID

1567434

Industry

Other (Manufacturing)

Job Type

Permanent Full-time

Location

Malaysia

Salary

Negotiable, based on experience

Refreshed

December 2nd, 2025 10:18

General Requirements

Minimum Experience Level

Over 3 years

Career Level

Mid Career

Minimum English Level

Fluent

Minimum Japanese Level

None

Minimum Education Level

Associate Degree/Diploma

Visa Status

No permission to work in Japan required

Job Description

Company Overview and Job Overview

A global leader in high-reliability design, manufacturing, and supply chain solutions are seeking a highly skilled and motivated Test Program Development Engineer to join our dynamic manufacturing team. This role is critical to ensuring the quality and efficiency of our large-scale server and switch production lines. You will be responsible for developing, deploying, maintaining, and optimizing automated test programs and solutions.

Key Responsibilities:

- Develop, validate, and deploy test programs for NPI and Mass Production based on test plans.
- Act as the first line of support for test software issues, performing real-time debugging and troubleshooting.
- Maintain version control for all test scripts, executables, and configuration files.
- Analyze test logs to identify root causes of failures (product faults, setup issues, or software bugs).
- Monitor key KPIs such as test cycle time, first pass yield (FPY), and equipment downtime.
- Identify bottlenecks and implement software optimizations to improve cycle time and throughput.
- Develop automation tools and scripts (Python, Bash, PowerShell) for data parsing, reporting, and monitoring.
- Train production technicians and operators on test software usage and basic troubleshooting.
- Participate in Site Acceptance Tests (SAT) for new test equipment, validating software functionality and stability.

- Create and maintain documentation (troubleshooting guides, work instructions) and manage software change control processes.

Key Requirements:

- Bachelor's degree in Computer Science, Electrical Engineering, or related technical field.
2+ years of experience in test automation, software development, or manufacturing test engineering.
- Proficiency in Python, PHP, MySQL, and LabVIEW (Python strongly preferred).
Solid understanding of computer hardware architecture (CPU, memory, storage, PCIe, networking interfaces).
- Experience with Linux/Unix operating systems and command-line interfaces.

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Company Description