



DIRECTORATE OF INDUSTRIAL LIAISON

NED University of Engineering & Technology

University Road, Karachi-75270 Pakistan

Tel: (+92-21) 99261261-8, Ext: 2274, 2218, Email: dil@neduet.edu.pk



'SAY NO TO CORRUPTION'

10-09-2026

Siemens Industry Software (Pvt.) Ltd. is looking for an honest, hardworking and dedicated professional on below contractual position.

Embedded QA/DevOps Engineer – Hypervisor

Role Overview:

You will be working on real time operating systems and virtualization solutions. In this role, you will support the implementation of our DevOps and QA strategy for embedded software using modern tools and infrastructure. You will work on a mix of pipeline automation, test development, and hands-on software coding, building reliable CI/CD workflows while directly contributing code and functional fixes to embedded software projects.

Qualifications:

BSc/MSc in Computer Science, Computer Engineering, or Electrical Engineering with 0-2 years of professional experience. Strong programming, problem-solving, and communication skills, with the ability to work optimally in fast-paced, distributed teams, and deliver high-quality results. Quick to learn and driven by continuous improvement and excellence.

Core Responsibilities:

- Help create, maintain, and troubleshoot CI/CD pipelines using GitHub Actions or GitLab CI/CD
- Write and maintain unit, integration, and functional test scripts using Python, PowerShell, and C/C++ for embedded target platforms and simulation setups
- Contribute to C/C++ feature development, mock layer/stub creation for testing, and minor bug fixing under senior developer guidance
- Support the containerization (Docker) of build environments and test runner setups to streamline development workflows
- Apply standard QA methodologies, run automated static analysis tools, and document test coverage for software releases
- Utilize Git-based tools (GitHub/GitLab) for code reviews, issue tracking, and version management

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Requirements:

- Solid understanding of Git-based workflows (GitHub, GitLab, branching, pull/merge requests)
- Knowledge of QA methodologies and software testing concepts
- Practical experience working with C/C++/C#, Python, and PowerShell scripting
- Basic understanding of software debugging and embedded hardware/software integration concepts
- Expertise / knowledge with any of the following technologies will be an added advantage
 - Experience with CI/CD pipelines (preferably GitHub Actions, GitHub Merge Queue or GitLab CI/CD)
 - Familiarity with containers (Docker, etc.)
 - Familiarity with AI tools, terminologies, and basic concepts
 - Exposure to AI agent development and different AI models

Last Date to Apply: **September 30, 2026**

Interested candidates can send their CVs to pkjobs.sisw@siemens.com with the exact position title and team name mentioned in the subject line.



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