

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'

17-12-2025



ASSISTANT MANAGER (SOFTWARE)

JOB DESCRIPTION:

We are seeking a Software Engineer with strong expertise in C#, .Net Core, .Net, WPF Language/Framework. The ideal candidate will contribute to the full product lifecycle from concept development through development, testing, and commissioning ensuring that designs meet performance, safety, and quality standards.

QUALIFICATION:

- → Bachelor's degree in Software Engineering /BS.
- → 1-2 years of experience in Data Structure & OOP.
- → Hands-on experience with system installation, testing, and Quality check in an industrial or R&D setting.
- Excellent communication skills and ability to collaborate in multidisciplinary teams.

SKILLS:

C#, Net Core, Net, WPF Language/Framework

KEY RESPONSIBILITY

- → Strong Concept of OOP, Data Structures, and Relational Databases
- → Relational Database, SQL, Entity Framework Knowledge is a plus.
- → Understanding of Desktop Applications Platforms.
- → Sound knowledge of Unity & Simulation is a plus.
- → Problem-solving skills and critical thinking.
- → Collaborate with cross-functional teams to ensure seamless system integration.
- Perform root cause analysis and support continuous improvement initiatives.

LOCATION

→ Karachi

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WE'RE HIRING



ASSISTANT MANAGER (MECHANICAL)

JOB DESCRIPTION:

We are seeking a Mechanical Design Engineer with strong expertise in CAD design, Design for Manufacturability (DFM), installation and inspection of dynamic systems. The ideal candidate will contribute to the full product lifecycle from concept development through production, testing, and commissioning ensuring that designs meet performance, safety, and quality standards.

QUALIFICATION:

- Bachelor's degree in Mechanical Engineering.
- 1-3 years of experience in mechanical design, preferably with dynamic or motion-based systems (e.g., robotics, machinery, automation, aerospace, or automotive).
- Proficiency in SolidWorks, (experience with GD&T and 2D drafting would be a plus).
- Strong knowledge of DFM/DFA principles, materials, and manufacturing processes (machining, sheet metal, welding, etc.).
- Hands-on experience with system installation, testing, and inspection in an industrial or R&D setting.
- Excellent communication skills and ability to collaborate in multidisciplinary teams.
- → Familiarity with ISO, ASME, or relevant industry standards.

SKILLS:

Dynamic Systems (CAD / DFM / Installation / Inspection)

KEY RESPONSIBILITY

- Develop detailed 3D CAD models, assemblies, and manufacturing drawings for dynamic mechanical systems and components.
- → Apply DFM principles to optimize designs for cost-effective manufacturing, assembly, and maintenance.
- Support installation, commissioning, and inspection of mechanical systems in the field or production environment.
- Conduct tolerance analysis, materials selection, and design verification to ensure compliance with performance and safety requirements.
- Collaborate with cross-functional teams (manufacturing, electrical, and controls) to ensure seamless system integration.
- → Perform root cause analysis and support continuous improvement
- → Maintain documentation and revision control within the company's PLM or CAD data management system.

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WE'RE HIRING



ELECTRONICS ENGINEER

JOB DESCRIPTION:

Strong background in Embedded Systems and programming, along with proven hands on experience in hardware and control systems. This role offers an exciting opportunity to contribute to innovative projects, collaborate across teams, and drive excellence in electronics system design and implementation.

QUALIFICATION:

- → BE (Electronics) with at least 01-02 years of experience.
- → Strong understanding of HSE guidelines, oil terminal operations.
- Proven hands on experience with microcontrollers, PLCs, PAC Controllers and sensor interfacing.
- Sound understanding of circuit design, PCB fundamentals and hardware debugging.
- → Excellent problem-solving, analytical and communication skills.
- → A team-oriented professional with ability to work effectively in a dynamic and collaborative environment

SKILLS:

- → Programming skills (C, Python).
- → Understanding of remote control protocols and communication
- Familiarity of communication protocols such as CAN, UART, UDP and NMEA2000.
- → Exposure to Linux-based systems.

KEY RESPONSIBILITY

- Lead and support the design, development and testing of Embedded systems and automation solutions.
- Work with microcontrollers, PLCs and PAC controllers for system control and integration.
- → Interface and integrate sensors and communication modules to ensure reliable system performance.
- Debug and troubleshoot hardware issues to ensure quality and efficiency in system operation.
- Collaborate with cross-functional teams to deliver robust, reliable and efficient solutions.
- Support documentation, testing procedures and compliance with relevant standards.

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TECHNICIAN (ELECTRONICS)

JOB DESCRIPTION:

Technician with strong background in Electronics/Electrical systems. This role involves hands on work in wiring, system assembly, testing and commissioning with a strong emphasis on precision, safety and quality.

QUALIFICATION:

- → DAE (Electronics) with 04 to 05 years of experience in electrical and electronic systems.
- Strong ability to read and interpret electrical schematics and diagrams.
- Practical experience in cabinet/panel wiring, cable harnessing and component tagging.
- Proficient in soldering, system development, testing, integration and fault diagnosis.
- Experience of system installation and commissioning at sites.

SKILLS:

- → Soldering, System Development
- → Good problem-solving, diagnostic and analytical skills.
- Team oriented with a proactive approach and strong attention to detail.

KEY RESPONSIBILITY

- Read and interpret electrical schematics, circuit diagrams and wiring layouts.
- Perform cabinet and panel wiring including cable harnessing, routing and tagging.
- → Carry out soldering work for electrical and electronics assemblies.
- Perform system development, testing, integration and fault localization for electrical and electronics assemblies.
- Carry out installation, commissioning and maintenance in accordance with project requirements and safety standards.
- Conduct diagnostic and troubleshooting activities to ensure optimal system performance.
- → Collaborate with engineers and other staff to support ongoing projects and continuous improvement initiatives.

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