



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'

02-02-2026



Job Title: Assistant Engineer

Experience: Minimum 1 year

Location: Karachi, Pakistan

Employment Type: Full-time

Zvolta is seeking a proactive and curious Assistant Engineer to support our Head of Engineering in strengthening engineering processes, improving product reliability, and optimising component selection for our EV charging systems.

This role is not hands-on, assembly-based. Instead, it focuses on technical coordination, process optimisation, documentation, and troubleshooting support across cross-functional teams.

Key Responsibilities

- Assist the Head of Engineering in engineering process development, documentation, and workflow improvements.
- Act as a coordination bridge between engineering and assembly/manufacturing teams to ensure clear technical instructions and smooth execution.
- Support troubleshooting by analyzing issues reported from the field or assembly floor and preparing structured recommendations.
- Research components and controllers, prepare comparison sheets, and suggest optimized alternatives.
- Assist in controller, firmware, and system-level optimization by reviewing performance data and proposing improvements.
- Help standardize quality checks, testing procedures, and SOPs.
- Track engineering changes, bill of materials (BOM) updates, and version-controlled documentation.
- Coordinate closely with software, operations, and assembly teams to support issue resolution.

Required Qualifications

- Bachelor's degree in Electrical, Electronics, or Mechatronics Engineering.
- Minimum 1 year of relevant experience in hardware, embedded systems, or product development support.
- Familiarity with microcontrollers (ESP32, Arduino, STM32) and basic firmware concepts.
- Strong understanding of basic electronics, controllers, sensors, and debugging principles.
- Ability to analyze technical issues, research solutions, and communicate clearly with both technical and non-technical teams.
- High curiosity, strong learning mindset, and initiative-driven approach.

Preferred (Not Required)

- Exposure to EV systems, BMS, power electronics, or AC charging infrastructure.
- Experience in preparing SOPs, workflows, or quality assurance documentation.

✉ Apply by sending your CV to: careers@zvolta.com



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