

Resume - Fahad Mairaj

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Senior Electronics and Electrical Maintenance Technician

Address: House No. A-440, Sector 4, Ahsanabad Housing Society, Scheme 33, Karachi, Pakistan

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Professional Summary

Highly experienced Electronics and Electrical Maintenance Technician with over 15 years of expertise in troubleshooting, maintenance, and installation of CNC machines, electrical wiring, and industrial automation systems. Adept at PLC programming, circuit board repair, and project-based electrical and mechanical work. Proven ability to work in diverse industries in Pakistan, Saudi Arabia, and other regions.

Technical Skills

- Electrical wiring (single-phase and three-phase)
- Advanced troubleshooting of hydraulic and pneumatic systems
- PLC programming (high and low logic)
- PCB card repair and assembly
- Maintenance of CNC machines with Fanuc, Mitsubishi, Siemens, SZGH, Fadal, and Haas controls

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- Installation of new CNC systems and automation setups
- Motor control systems: Servo motors, amplifiers, VFDs, and induction motors
- Preventive maintenance and schematic diagram analysis
- Automation systems and industrial applications
- Instrumentation and testing equipment
- Network and communication systems for automation
- Mechanical troubleshooting and repair
- Customer relationship management and service

Work Experience

Advance Core Metal Industries

Senior Electronics and Electrical Maintenance Technician

Al-Khumrah, Jeddah, Saudi Arabia (Oct 2023 - Sep 2024)

- Maintenance and troubleshooting of CNC machines (Fanuc, Fadal, and Haas controls).
- Electrical wiring (single-phase and three-phase).
- Installation of new CNC controls (SZGH).
- Repairing and servicing of electronic cards.

Baig Engineering

Electronics and Electrical Maintenance Technician

Karachi, Pakistan (Jul 2022 - Sep 2023)

- Project-based electrical and automation work.

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- Installation and programming of PLCs, servo motors, drives, and VFDs.
- Repairing and controlling of electronic cards.

D.E Trading (Dawood Engineering Pvt. Ltd.)

Senior Technical Officer - Services and Maintenance

Karachi, Pakistan (Dec 2019 - Jun 2022)

- Troubleshooting and maintenance of CNC machines with Fanuc controls.
- Installation of CNC systems (HUST, SZGH, and Sintech).
- PLC programming and electronic card repair.

K.T.D (Kausar Trade Distributors)

Electronics and Electrical Technician

Karachi, Pakistan (Jun 2015 - Dec 2019)

- Maintenance of CNC machines, including turning centers and milling machines.
- Installation and programming of new CNC controls (HUST and Sintech).

Silicon International

Electrical/Electronics Technician

Karachi, Pakistan (Jan 2013 - May 2015)

- Designing and controlling new electrical panels.
- PLC programming and troubleshooting overhead cranes.

Previous Roles

- Hantex Denim (2011-2012): Electronics/Electrical Technician
- Silicon International (2008-2011): Assistant Technician

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- SM Denim (2007-2008): Electrical Technician
- Arif Engineering (2002): Helper (Mechanical work for die and mold fabrication)

Education

- B-Tech in Electronics

Newport University, Karachi, Pakistan (2011)

- One-Year Diploma in Industrial Electronics

Technical Training Center, Karachi, Pakistan (2009)

- Diploma of Associate Engineer (D.A.E) in Electronics

Govt. College of Technology (S.I.T.E), Karachi, Pakistan (2005)

- Matriculation (Science)

Royal Academy, Karachi, Pakistan (2002)

Technical Certifications

- Control Technology: Pneumatics, Electro-pneumatics, PLC, Electro-hydraulics
(Pak-Swiss)

- Microcontroller and Industrial Applications

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(Skill Development Council)

- Computer Literacy: Windows XP, MS Word, Internet Browsing

- English Language Proficiency

(Pakistan American Cultural Center)

Personal Information

- Date of Birth: May 1, 1987

- Nationality: Pakistani

- Marital Status: Married

- Languages: Urdu (native), English (proficient)

References

Available upon request.