




Muhammad Marsad

Electrical & Software Engineer

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 [Visit my website](#)

Objective

To secure a challenging position as a Software and Electrical Engineer in a forward-thinking organization, where I can utilize my extensive technical skills in software development and electrical engineering. My aim is to contribute to innovative projects, enhance my expertise, and support the company's growth through dedicated work and continuous learning. I seek an environment that encourages professional development and values a proactive approach to problem-solving

Aplus Energy Solutions Pvt Ltd , Pakistan

Project Engineer

May 02, 2024, To Till Date

3.4MW Soorty Enterprises, Karachi
500KW Gadoon Textile Ltd, Nooriabad, Karachi
748KW Lucky Textile Ltd, Nooriabad, Karachi

- **System Testing and Validation:** Conduct thorough testing and validation of systems to ensure they meet design specifications and operational requirements.
- **Documentation and Reporting:** Prepare detailed documentation of commissioning processes, test results, and any issues encountered.
- **Troubleshooting:** Diagnose and resolve technical issues during commissioning, collaborating with engineering teams for solutions.
- **Compliance and Safety:** Ensure all commissioning activities comply with industry standards, safety regulations, and company policies.
- **Client Interaction:** Communicate effectively with clients to address concerns and provide updates on project progress.
- **Project Coordination:** Coordinate with various stakeholders, including project managers and contractors, to ensure timely completion of commissioning activities.
- **Training and Handover:** Train operational staff on system functionality and maintenance, ensuring a smooth handover.
- **Continuous Improvement:** Identify opportunities for process improvements and implement best practices in commissioning activities.

SunHance Private Limited Lahore, Pakistan

Site Engineer

Apr 11, 2023, To May 18, 2024

1.5MW Punjnad Feeds, Okara

- Planned and organized fieldwork in preparation for projects, ensuring clear communication and agreement on the scope and deliverables with the Client representative.
- Prepared project execution plans, method statements, timeframes, HSE (Health, Safety, and Environment), and QA/QC (Quality Assurance/Quality Control) plans in accordance with Company processes to meet high Client safety and quality requirements.
- Maintained continuous communication and liaison with Clients, subcontractors, and other project stakeholders to ensure timely submission of deliverables and achieve client satisfaction.
- Supervised and monitored the site team, providing direction, support, and assistance through daily meetings and analysis of progress status.
- Worked on Solar Energy Control and Zero Export system implementation, ensuring effective operation and compliance with relevant standards.
- Conducted various tests related to Quality Control during the execution of Solar Plant projects to quality standards and identifying any deviations or issues.
- Conducted pre-commissioning and functional tests of solar plants to ensure proper functionality and performance.
- Prepared project handover documents and facilitated the Net metering application process for solar systems.

Web & Software Development Expert

- **Skilled in Diverse Technologies:** Experienced in Python, JavaScript, HTML, TailwindCSS, C#, and React, leveraging these tools to build cutting-edge software solutions.
- **Dynamic and Responsive Applications:** Specialized in crafting dynamic, user-friendly, and fully responsive applications that adapt seamlessly to any device.
- **Problem-Solving Expertise:** Skilled at identifying challenges and implementing creative, robust, and efficient solutions tailored to meet client needs.
- **UI/UX Excellence:** Passionate about creating visually appealing, intuitive, and accessible user interfaces that enhance the overall user experience.

Microsoft Office Expert

- **Document Creation:** Design and format professional documents using Microsoft Word, ensuring consistency and accuracy.
- **Data Management:** Develop and maintain complex spreadsheets in Excel, utilizing formulas, pivot tables, and data analysis tools.
- **Presentation Design:** Create engaging and visually appealing presentations in PowerPoint, incorporating multimedia elements.
- **Database Management:** Use Access to create and manage databases, ensuring data integrity and efficient retrieval.
- **Collaboration:** Utilize SharePoint and Teams for efficient project collaboration and communication.

Professional Certificate

- **Project Management**
Institution: Issued by Google
Date: 2024
- **Designer**
Institution: Issued by Adobe
Date: 2025
- **Social Media Marketing**
Institution: Issued by Meta
Date: 2024
- **Microsoft Office**
Institution: Issued by Microsoft
Date: 2024
- **Energy Storage Technologies**
Institution: Issued by Udemy
Date: 2024
- **Technical Support**
Institution: Issued by IBM
Date: 2025
- **Network Automation**
Institution: Issued by Cisco
Date: 2024
- **Full-Stack Developer**
Institution: Issued by Microsoft
Date: 2024
- **Python**
Institution: Issued by Udemy
Date: 2024
- **PowerFlex & Delta**
Institution: Issued by Udemy
Date: 2024

Education

University of Colorado Boulder, United States (Online)	2025
Electrical Engineering	Percentage: 88
University of Buffalo, United States (Online)	2024
Solar Energy & Electrical System Design	Percentage: 81
PMAS Arid Agriculture University, Rawalpindi	2023
BS Computer Science	CGPA: 2.90
Punjab Board of Technical Education, Lahore	2019
DAE Electrical Technology	Percentage: 78
Board of Intermediate and Secondary Education, Multan	2016
Matriculation	Percentage: 56

Technical Skills

Computer:	CAD , Latex, System Installation, Windows, Software Installation and Configuration
Programming Languages:	Python, HTML5, PHP, SQL, JavaScript, C++, React JS, MySQL and Oracle Database
Microsoft Expert:	MS word, Excel, PowerPoint, Access, Formulas and Macros
IT Support:	Troubleshooting, Help Desk Support, Inventory Management, Network(LAN,WAN)

Personal Information

CNIC	36601-5890558-7
Passport No.	CK0915581
Nationality	Pakistani
Date Of Birth	Feb 10, 2001
Father Name	Muhammad Yaseen

Languages

- English (IELTS 6.5)
- Urdu (Native)

References

Available upon request.