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|  |  | **HAMED musa ALSANOSY**  ELECTRICAL ENGINEER sUMMARY Experienced Electrical Engineer with over a decade of work in **power plant operations** within the **oil & gas** and **sugar industries**. Proven track record in **optimizing power generation** systems for peak performance, ensuring operational efficiency, and **maintaining high safety** and environmental standards. Skilled in **troubleshooting complex electrical issues**, leading **maintenance** teams, and implementing process improvements to enhance system reliability and reduce operational costs. Demonstrated ability to manage important projects and drive continuous improvement in dynamic and **challenging environments.** |
| **Contact Info**  Email: [alsanosyabdallah@outlook.com](mailto:alsanosyabdallah@outlook.com)  Mobile: **+249911369751**  Mobile: **+249116522297**  LinkedIn: [linkedin.com/in/hamed-alsanosy-26714969](https://www.linkedin.com/in/hamed-musa-alsanosy-26714969/)  **Technical Skills**   * Microsoft Office * SAP * MATLAB * ETAP * PSSE * SCADA * PLC * MAXIMO (Basic) * CCNA (Basic) * MCSA (Basic) * Azure (Basic) * Power Plants   **SOFT Skills**   * Communication * Decision-Making * Adaptability * Problem-Solving * Team Collaboration. |  | EDUCATION **Master of Science (MSc) in Electrical Power Engineering**  University of Khartoum, Sudan | 2020 – 2022  Grage: 7.3/10  **Bachelor of Science (BSc), Electrical & Electronic Engineering**  Sudan University of Science and Technology | 2005 – 2009  Grade: 3.04/4 WORK EXPERIENCEPETRO ENERGY E&P Power Plant Operator **Oil & Gas Industry**  **2013 - Present**  Responsibilities include operating and maintaining power plant equipment, monitoring system performance, and ensuring compliance with safety regulations. Collaborated with a team to optimize energy production and reduce operational costs, and implemented preventive maintenance schedules that improved system reliability and efficiency. Sudanese Sugar Company Shift Electrical Engineer **Food Industry**  **2011 - 2013**  Managed electrical operations during shifts, performed troubleshooting and repairs on electrical equipment, and ensured minimal downtime. Worked closely with mechanical teams to ensure seamless operations and conducted regular inspections to maintain optimal performance. Played a key role in upgrading the factory’s electrical systems to improve productivity. Sudan University of S & T (SUST) Teaching Assistant **Education Field**  **2009 - 2011**  Assisted in teaching courses on electrical engineering, supervised laboratory sessions, and provided academic support to students. Contributed to the development of course materials and assessments. Supported senior faculty in research activities and helped in organizing technical workshops and seminars for students. project **Fault Analysis and Coordination of Protective Devices in Hadida Oil and Gas Field Network**  Conducted a detailed study to assess the impact of introducing a new bus-coupler on the fault level within the Hadida Oil and Gas Field Network. Developed coordination strategies for protective devices to ensure system reliability and safety, and fine-tuned settings for optimal performance under varying load conditions. COURSES  * Industrial Automation Engineering * Energy Management System (EnMS) ISO 50001 * Electrical Equipment Maintenance (EnMS) ISO 50001   Electrical Equipment Maintenance |