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| **PERSONAL INFORMATION** | **Hamayun Khan** |
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|  C:\Users\Faisa\Downloads\unnamed.jpg | House No. Dulsco Solutions Blg 1, Al Dhabi Abu Dhabi UAE.  |
|  +971-552385443  |
|  Hamayunkhankp@gmail.com  |
| | Nationality | Pakistani, | Date of Birth | 01 April 1995**PROFILE SUMMARY:** A dedicated and highly skilled Electrical Technician with over 8 years of experience in high-capacity industrial systems and aviation ground support infrastructure. Specializing in SCADA system optimization, preventive maintenance, and process automation, I ensure operational safety and peak performance in dynamic airport environments. Proven ability to deliver innovative solutions that minimize downtime, enhance reliability, and adhere to strict aviation standards. |

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| EDUCATION  |
| Degree  | Diploma of Associate Engineering (Electrical) (2013-2016) |
| InstitutionGrade  | KP BTE Peshawar, Pakistan.2nd Division |
| Degree  | Matriculation in Science (2010-2012) |
| InstitutionGrade  | BISE Malakhand KP Pakistan.2nd Division  |
| Work Experience  |
| Designation | **Assistant Engineer** (Electrical Technician Reduction Process Control Pot) |
| Timeline | Jun - 2023 to Till Date  |
| Organization |  Dulsco Solution LLC Supply Company Altweelah, EGA, Abu Dhabi, UAE.  |
| Job Description | * Optimized a state-of-the-art potline exceeding 464 KA to achieve peak efficiency and operational reliability.
* Executed precise process control measurements, driving continuous improvement and stringent safety enhancements.
* Applied advanced fibre lance techniques for accurate temperature and superheat assessments.
* Analyzed anode current distribution and voltage drop to enhance overall system performance.
* Monitored critical electrical parameters to maintain high-quality standards in a demanding environment.
* Measured cathode voltage drop using a voltmeter and cathode surface temperature using thermocouples.
* Measured pot flexible voltage drop, raiser voltage drops, and wedge drop.
* Measured earth leakage current in the potline.
* Measured collector bar and busbar temperatures using an infrared thermometer.
* Conducted measurements of pot ore covering thickness and performed pot dressing surveys.
* Collected samples of bath, metal, anode covering material, etc.
* Measured bath height and metal height.
* Measured combined drop, long drop, and short drop.
* Performed pot dressing and related activities; entered data into the HMI system.
* Safety & Compliance – Followed LOTO procedures and permit systems for work at height, hot work, and confined spaces.
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| Designation | **Assistant Engineer.**  |
| Timeline | March - 2023 – May - 2023 |
| Organization | Dulsco Solution LLC Supply Company Electro-Mas Electrical Systems, DHL Service Point Zayed International Airport Abu Dhabi, UAE. |
| Job Description | * **Installation & Commissioning Activities:**
* Installed roller conveyor systems.
* Hands-on installation of belt conveyors.
* Installed motors and performed terminations for conveyors, VSU, merge conveyors, and R-Lift systems.
* Installed JB boxes and performed terminations, including passive power distributors and line wheel dividers.
* Installed transport conveyors.
* Installed various types of push buttons such as ATR, PCT, PMO, PCE, PRI, PMV, etc.
* Terminated PDPs and MCPs.
* Handled drive motors, belts, bearings, and pulleys in various equipment.
* **Safety & Compliance:**
* Followed LOTO procedures and permit systems for work at height, hot work, and confined space activities.
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| Designation | **Assistant Engineer (** BHS O/M Associate (Electrical**)** |
| Timeline | April-2018 – September-2022 |
| Organization | BHS O/M Associate (Electrical) Pakistan Civil Aviation Authority Islamabad International Airport. |
| Job Description | * Responsible for the operation and maintenance of the Baggage Handling System (BHS), including communication, mechanical, sensory, and feedback systems.
* Operated and maintained the complete Baggage Handling System.
* Assembled and disassembled conveyor belts, motors, bearings, rollers, etc.
* Inspected reclaim and makeup carousels and resolved related issues.
* Performed check-in counter inspections and resolved associated issues.
* Conducted inspections of all types of electrical panels.
* Carried out all types of terminations, including motors, junction boxes (JBs), push buttons, etc.
* Troubleshot various operational issues to ensure system reliability and performance.
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| Designation | Specialist Electrical Technician (BHS) |
| Timeline | March - 2016 – February - 2018 |
| Organization | BHS Specialist Electrical Technician AB Engineering Company Islamabad International Airport. |
| Job Description | * Installation of Transport Conveyor.
* Installation of Horizontal and Vertical Diverter.
* Termination of PDP's, MCP's and motors.
* Installation of All Types of Push Buttons like PCT, PMO, PCE, PRI, PMV etc.
* Cable Tray Installation and Cable Laying.
* Installation of Make-up and Reclaim Carousel.
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| Designation | Trainee Engineer |
| Timeline | August - 2014 – October - 2014 |
| Organization | Hydro Power Station Malakhand, Pakistan |
| Job Description | * Operated generators and turbines, gaining foundational expertise in power systems management.
* Monitored feeder readings and SCADA outputs to support stable and reliable power generation.
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| **technical skills**  |
|  | * Advanced Electrical measurements and voltage drop analysis.
* SCADA system operation optimization and management.
* Installation, maintenance, and troubleshooting.
* Preventive maintenance and process automation in high-demand environments.
* Strict adherence to aviation and safety infrastructure standards.
* Interpreting detailed electrical layout plans and technical documentation.
* Effective Cross-functional Communication.
* Teamwork.
* BHS Installation, Maintenance Fabrication, Welding Conveyor System Testing Safety & Compliance Team Coordination.
* Microsoft Office.
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| **LAnguages**  |
| **Interest**  | * English (Limited working proficiency)
* Arabic (Limited working proficiency)
* Urdu (Native proficiency)
* Pashto (Native proficiency)
* Exploring new places
* Studying electrical machines
* Story writing
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| **References**  |
|  | References upon Request. |