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|  |  | |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **Subhrajyoti Nath**  Senior Manager   |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | |  | Jamshedpur, India, 831004 |  |  |  | | --- | --- | |  | 9437717877 |  |  |  | | --- | --- | |  | subhrajyotinath98@gmail.com | |  | |   Highly Motivated professional well-versed in process data mining, statistical modeling, data visualization with strong analytical and problem-solving skills. Proactively seeking for analyst roles to assume more challenging roles that would enhance exposure and learning   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  | **Skills**   |  |  |  |  | | --- | --- | --- | --- | |  | |  |  | | --- | --- | | * PYTHON | Very Good | |  |  |  |  |  | | --- | --- | --- | --- | |  | |  |  | | --- | --- | | * SQL | Excellent | |  |  |  |  |  | | --- | --- | --- | --- | |  | |  |  | | --- | --- | | * POWER Bi | Very Good | |  |  |  |  |  | | --- | --- | --- | --- | |  | |  |  | | --- | --- | | * MICROSOFT EXCEL | Very Good | |  |  |  |  |  | | --- | --- | --- | --- | |  | |  |  | | --- | --- | | * PLC PROGRAMMING & SCADA | Excellent | |  |  |  |  |  | | --- | --- | --- | --- | |  | |  |  | | --- | --- | | * WEB DEVELOPMENT | Very Good | |  |  |  |  |  | | --- | --- | --- | --- | |  | |  |  | | --- | --- | | * NODE-RED | Good | | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | |  | **Work History**   |  |  | | --- | --- | | **2020-09 - Current** | Senior Manager  *Tata Motors, Jamshedpur, India*  **ROLES & RESPONSIBILITIES:**   * Responsible for Preventive Maintenance, Daily Maintenance and Breakdown management of Control Systems * Cost Saving of **25 lakhs** through Internal and External Repairs * Spare Management through Contingency Plan and Spare Optimizations through **Introduction of Digital solutions**   **MAJOR PROJECTS UNDERTAKEN:**  **Cab& Cowl Tracking and Tracing in BIW Factory-an Industry 4.0 Online Process Control &Traceability initiative:**   * Performed 4W1H analysis for execution of PDCA project which led to improvisation of productivity &Quality * Developed a Unique Bar code system for mapping of various parts aggregated into cab & cowl by using VBS and SQL * Integration of process parameters with the barcodes generated by using SQL stored procedures * Developed a real-time powerBi dashboard for monitoring and raising flags for spot quality issues.   **Re-designed the profibus network to eliminate bus related communication faults:**   * Analyzed the entire profibus system and signal strength through profi trace software * Lead the team to develop and implement star-based topology for the easier diagnostics and fault detection there by eliminating profibus related issues. * Awarded **Gold-Team award by the senior management** for displaying exceptional leadership behavior for Network upgradation during non-production hours by adhering to production schedules   **Developed a VFD network system for parameter monitoring and preventive maintenance:**   * Data acquisition by NODE-RED through MOD-BUS protocol * Data storage in Relational Data bases (MS SQL) * Developed **Real time Monitoring Dashboard using NODE-RED UI** for parameter monitoring and preventive maintenance. |  |  |  | | --- | --- | | **2019-08 - 2020-05** | Graduate Engineer Trainee  *Tata Motors, Jamshedpur, India*  **Fleet Management Services, New Delhi**   * Performed analytical study of field failure issues and developed cost effective solutions which led to a cost saving of 5 lakhs per annum * Worked extensively on MS Excel, Power BI   **Machine Learning Aided In House Development of Dry Film Thickness Prediction system**   * Worked closely with paint factory team in understanding customer needs there by providing them a cost-effective solution through development of DFT prediction system by incorporating predictive analysis * Worked extensively on Python (Machine Learning) libraries such as NumPy, pandas, matplotlib, seaborn, Scikit-learn etc., * Successfully contributed to the improvement of DRR by 10% | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | |  | **Education**   |  |  | | --- | --- | | **2015-07 - 2019-05** | B. Tech: Electrical Engineering  *National Institute of Technology - Rourkela* |  |  |  | | --- | --- | | **2013-07 - 2015-05** | Higher Secondary: M.P.C  *Excelsior +2 Science College - Jajpur* | |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  | **Certifications**   |  |  | | --- | --- | | **2021-10** | * TIA PORTAL MASTER PROJECT-Udemy |  |  |  | | --- | --- | | **2021-09** | * The Complete SQL Boot Camp-Udemy |  |  |  | | --- | --- | | **2022-03** | * The Complete Python Boot Camp -Udemy |  |  |  | | --- | --- | | **2022-05** | * Short term Course on Machine Vision for Robotic Applications in Manufacturing at COEAMT of IIT Kharagpur |  |  |  | | --- | --- | | **2022-06** | * Python for Data Science and Machine Learning Boot Camp | |  |  |  |  |  | | --- | --- | --- | --- | |  | **Accomplishments**   |  |  | | --- | --- | |  | * **Gold-Team Award by Plant Head Jamshedpur** for Driving Execution of Network Upgradation * **Silver-Team Award by Head HR Jamshedpur** for productivity improvement of security Division through Low-Cost Automation * Secured 2nd Position in **Embetronix** event Organized by IIT Kharagpur in Kshitij-The Biggest Technical Fest * Awarded Patani Samanta Mathematics Talent Scholarship * Awarded NMIMS Scholarship by Central Government of India | | |  |

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