

# KRISHNA KAMAL DAS

## OT, Digitalization, Process Automation, Factory Automation Consultant

Address : 5 Kazi Sabyasachi Lane, Hatimor, Subhashpally, Landmark - Alope Abasan, Ward 19 Siliguri, West Bengal (734001)

### PROFILE SUMMARY

- **Skilled in Digitalization, IoT, and Virtualization**, with a focus on process automation and engineering.
- **Currently designated as Deputy Manager – Projects**, experience in Project Management, Solutions Delivery, Installation, Commissioning, Deployment, R&D, etc. arenas in the field of Digitalization, IOT, Virtualization, Process Automation & Engineering.
- **Dynamic and ambitious professional with a passion for showcasing** product portfolios that can address current and future market technological needs.
- **Proven capability to drive innovation and deliver cutting-edge solutions** that enhance operational efficiency and productivity.
- **Communication Protocols:** Optical Fibre, OPC, ProFiBus DP/PA, ProFiNet, AS-i, ControlNet, Modbus, RS485, RS232, TCP/IP, CiP, FTE, EtherCAT.
- **Instruments:** FT, RTD, TC, PT, TT, 4-20mA ASi, DM, Siwarex,
- **Recognition** - Passion for Service Culture Workshop, 2019, Siemens Ltd.
- **Achieved increase in project delivery efficiency as Manager Service Delivery** at Siemens Ltd., implementing streamlined processes and optimizing resource allocation.
- **Showcased expertise in managing end-to-end project lifecycles**, from conceptualization to commissioning, for clients such as ONGC, Indian Oil, HPL, Tata Group, Jindal Group, and Indian Government Organizations.
- **Possess leadership skills with a track record of building** and managing high-performing teams.

### TECHNICAL SKILLS

- DCS, PLC, SCADA, HMI
- OPC, ModBus - TCP/IP, FTE, Profinet, HART
- BOQ, BOM, Data Sheet
- TIA Portal, Simatic PCS7, Honeywell Experion, Rockwell Automation
- IS, IEC, NEMA, ATEX, SIL, LOPA, HAZOP
- COMOS
- SIVaaS
- Hyper-V, iLO, IT/OT
- VMWare, vSphere ESXI
- Windows 7/10, Windows Server 2008, 2012, 2016
- TCP/IP & OPC
- RDP, TRACE

### CERTIFICATIONS

- SIMATIC S7-1500 with TIA Portal Advanced - Siemens Sitrain India Pvt. Ltd., Apr 2021
- SPI - Smart Plant Instrumentation - INTOOLS
- Six Sigma Green Belt Certified
- ISTQB Certified Tester Foundation Level 4.0
- **PMP** Certified
- Training, PLC/SCADA/DCS, Sofcon Industrial Training Institute, Ahmedabad, 2011

### EDUCATION

- **Bachelor of Technology (Electrical Engineering)** from JISCE, West Bengal University of Technology, Kolkata with 7.65 GPA **(2010)**
- **12th from Margaret (S.N.) English School**, Ramakrishna Vedanta Mission, Siliguri with 80% **(2006)**
- **10th from Margaret (S.N.) English School**, Ramakrishna Vedanta Mission, Siliguri with 82% **(2004)**

### CORE COMPETENCIES

- Digitalization Strategies, DCS, PLC, Instrumentation
- Industrial Edge Technologies, PoC - Proof of Concept Development
- Open User Communication, OPCUA
- Industrial Data Gateway/Server, Cloud Data Integration
- Factory Automation Systems, Process Automation Systems
- Safety Management Analysis
- P&ID & Hook Up Diagram Analysis, SDLC Analysis
- Virtualization Technologies, IT/OT Architecture & Layering
- Windows Server Integration, Network-Device Configuration
- Endpoint Security Configuration
- Application Whitelisting, Client Management
- OT Migration, Security
- Product Management

### WORK EXPERIENCE

**Sohar Steel LLC(Jindal Shadeed Iron & Steel LLC subsidiary), Sohar City, Oman (Aug'23 – Present)**

**Designations:** Deputy Manager, Electrical & Automation - Projects

**Department:** Factory Automation

**Responsibilities:**

- Installation, Erection of LT Panels, Earth Pits, Instruments, PLC Panel Installation, Cable scheduling, Cable laying, JB's installation, etc.
- Developing and implementing automation strategies to increase production efficiency.
- Streamlining manufacturing processes by designing automated systems for assembly lines, resulting in a reduction of labor costs.
- Conducting comprehensive analysis of factory operations and identifying areas for automation, resulting in increase in overall productivity.
- Collaborating with cross-functional teams to identify and implement automation solutions for material management.
- Leading training sessions for factory personnel, ensuring smooth transition and adoption of automated systems.
- Conducting cost-benefit analysis for automation projects, resulting in savings annually.
- Designing customized automation solutions based on specific client requirements and industry best practices.
- Implementing predictive maintenance systems utilizing IoT technology, resulting in reduction in machine downtime.

**Siemens Ltd., Mumbai (Oct'22 – Aug'23)**

**Designations:** Manager - Service Delivery, Solutions & Operations, Digital Services, H.O.

**Responsibilities:**

- Managed service delivery, solutions development, and operations for digital services
- Spearheaded a team of professionals and ensured timely and successful project delivery
- Collaborated with clients to understand their requirements and provide customized solutions.
- Drove continuous improvement initiatives to enhance service quality and customer satisfaction.
- Successfully implemented Agile project management methodologies, resulting in improvement in project delivery time and customer satisfaction.
- Led the development and implementation of a digitalization strategy that resulted in reduction in operational costs and improved overall efficiency, including the adoption of Industrial Edge technologies and the implementation of proof of concept projects.

**Drillmec S.P.A. (Pennar Industries), Piacenza, Italy (Pennar Industries Limited payroll)** (Sep'21 – Sep'22)

**Designations:** Senior Engineer, Global Delivery Centre (GDC)

**Responsibilities:**

- Provided technical expertise and support for global delivery projects.
- Collaborated with cross-functional teams to ensure successful project execution.
- Conducted commissioning activities and ensured adherence to quality standards.
- Developed and implemented innovative solutions to optimize project delivery.
- Played a key role in the successful delivery of global delivery projects, ensuring adherence to quality standards and customer satisfaction.
- Developed and implemented innovative solutions to optimize project delivery, resulting in improvement in project efficiency and cost savings.

**Jindal Stainless Ltd., Jaipur Road** (Jan'20 – Jul'21)

**Designations:** Associate Manager, E&A, Hot Strip Mill

**Responsibilities:**

- Managed electrical and automation activities for the Hot Strip Mill
- Led a team of engineers and technicians to ensure smooth operations
- Drove process improvements to enhance productivity and efficiency
- Implemented process improvements that resulted in increase in productivity and efficiency in the Hot Strip Mill.
- Successfully commissioned new equipment and systems, resulting in reduction in downtime and improved overall operational performance.

**Siemens Ltd., Kolkata** (Jun'18 – Nov'19)

**Designations:** Customer Service Engineer, RC – IN CS SD ER PR Digital Industries, Factory Automation, Process Automation

**Responsibilities:**

- Conducted commissioning activities and ensured smooth project execution.
- Collaborated with customers to understand their requirements and provide effective solutions.
- Delivered training sessions to enhance customer knowledge and usage of automation systems.

**Praxis Automation Services (Authorized Rockwell Automation Channel Partner), Jamshedpur** (Jun'14 – May'18)

**Designations:** Senior Engineer, Project & Services

**Responsibilities:**

- Managed automation projects for various industries, including Metals, Power, and FMCG.
- Conducted commissioning activities and ensured adherence to project timelines.
- Developed and implemented automation solutions to improve operational efficiency.
- Provided technical support and troubleshooting for installed systems.

**Control Desk Solutions Pvt. Ltd. (Authorized Siemens Channel Partner), Kolkata** (Jan'12 – Jun'14)

**Designations:** Commissioning Engineer, Projects

**Responsibilities:**

- Conducted commissioning activities for Siemens automation projects.
- Collaborated with cross-functional teams to ensure successful project execution.
- Developed and maintained project documentation.
- Conducted commissioning activities for Siemens automation projects, ensuring successful project execution and customer satisfaction.