

KRISHNA KAMAL DAS

**OT, DIGITALIZATION, PROCESS AUTOMATION,
FACTORY AUTOMATION CONSULTANT**

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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.

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.

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)

CERTIFICATION

- 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

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

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

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.

SIEMENS

Drillmec S.P.A. (Pennar Industries), Piacenza, Italy(Pennar Industries Limited payrole) (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., Jajpur 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.

SIEMENS

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.

