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kdebsarkar2010@gmail.com

📍 Permanent: 43/1A, Roy Bahadur Road, Behala, Kolkata-700034

Present: 43/1A, Roy Bahadur Road, Behala, Kolkata-700034

STRENGTHS

Ability to grasp new Skills quickly

Positive Attitude

Hardworking, Honest

Team Work Skills

KUNTAL DEB SARKAR, M.TECH (INSTRUMENTATION & CONTROL)

PROFILE SUMMARY

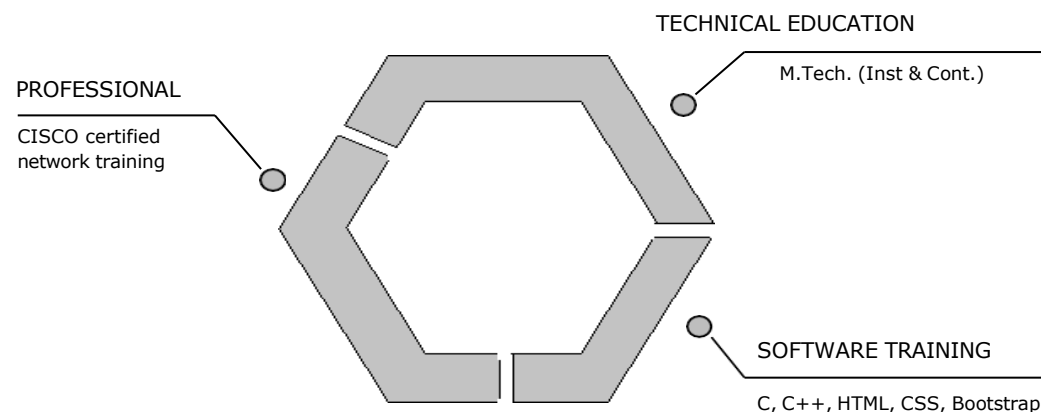|	
TECHNICAL SKILL	▪ Enriched experience in the diverse field- Power, Steel, Cement etc.
	▪ Successfully handled various government & corporate projects. Efficient in professionally handling Hardware Testing, Logic Building, FAT/SAT & Commissioning Activity. Professionally skilled in the areas like PLC, SCADA, DCS etc.
LEADERSHIP QUALITIES	▪ **Actively participated in different projects and handled various customers.** Adaptable to cross functional team and having problem solving attitude.
QUALIFICATION	▪ M. Tech in Instrumentation & Control Helped me to boost my career both practically and theoretically.
INNOVATION ACTIVITY	▪ Successfully completed a project on Arsenic Bio Sensor at NIT, Rourkela

EDUCATION

TECHNICAL EDUCATION

M.Tech. (Inst & Cont.)

PROFESSIONAL

CISCO certified network training

SOFTWARE TRAINING

C, C++, HTML, CSS, Bootstrap

2012-2015- **M.TECH (Instrumentation and Control Engineering),** University of Calcutta, CGPA-7.3

2007-2011- **B. TECH (Electronics and Instrumentation Engineering)**, W.B.U.T, % of Marks- 75.30%

2007- **Higher Secondary Examination (12th)**, W.B.C.H.S.E, % of Marks- 70.20%

2005- **Secondary Examination(10th),** W.B.B.S.E, % of Marks- 74.50 %

WORK EXPERIENCE

Name of the Current Company: Yokogawa India Ltd.
Current Designation: Executive
Nature of the Work:
- **Meeting and greeting customers and making them feel welcome**
- **Arranging the meeting to discuss the progress of the Project and maintain strong relationship with stakeholders.**
- **Deal with the customer feedback, enquires etc. and conduct regular quality checks.**
- **Hiring resources, maintaining payroll of employees etc.**

Technologies associate with: CI Server
Duration: January 2023 to May 2023

Name of the Company: Utthunga Technologies Pvt. Ltd.
Designation: Senior Engineer-Software
Nature of the Work: **PLC Logic Development using Simatic Manager V5.6, Codesys V3.5 Software,** HMI/SCADA Development
Project Details: Create a Material handling Project (Stacker & Reclaimer) with
SIMATIC S7-400. SCADA Development with SIMATIC WinCC V7 Software
Maintain the level of a tank using Codesys V3.5 Software
Switching on/off of multiple LEDs using Single Pushbutton Switch
Technologies associate with: Simatic Manager V5.6, Codesys V3.5, Aveva InTouch
Duration: July 2022 to November 2022

Name of the Company: ALP CONSULTING LTD. on deputation to ABB INDIA LTD.
Designation: Project Engineer
Technologies associate with: C, C++, SQL, Profibus, Modbus, Ethernet, OPC
Projects Accomplished: Have successfully completed multiple projects on HMI Development and Upgradation, Logic Building, hardware testing and Commissioning on ABB Symphony Plus (SD Series) and Symphony Harmony, P13, 800xA DCS Technology. My responsibilities are listed below-

In HMI Development and Upgradation Projects

Responsibilities: Accomplished projects related to HMI of different units of a power plant like Boiler operation, coal handling, Turbine section etc. For developing HMI, I need to make Symbols like Pump, Motor, Fan etc. I made those symbols with the help of C Coding.

• Project Title: HMI Upgradation with ABB Symphony Plus Technology
  Client Name: NTPC Simhadri

• Project Title: HMI Development with ABB Compact HMI Technology
  Client Name: Bakreswar Thermal Power Project(WBPDCL)

Achievements:

ϒ Successful Design, Development & Troubleshooting of fully operational HMI projects

- Project Title: HMI Development & Upgradation with ABB Symphony Plus Technology
  Client Name: Hindalco Industries

- Project Title: HMI Development & Upgradation with ABB Symphony Plus Technology
  Client Name: GSECL Gandhinagar

- Project Title: HMI Development & Upgradation with ABB Symphony Plus Technology
  Client Name: IPGCL-PPCL

- Project Title: HMI Development & Upgradation with ABB Symphony Plus Technology
  Client Name: Gujarat Cement Works(GCW), Ultratech Cement ltd., Rajula, Gujarat

- Project Title: HMI Development & Upgradation with ABB Symphony Plus Technology
  Client Name: Khaparkheda Thermal Power Station, MAHAGENCO

In hardware Testing Projects

Responsibilities: I have tested different I/O cards like Analog Input (AI), Digital Input (DI), Analog Output (AO) and Digital Output (DO) in ABB Symphony Plus(SD series) and Symphony Harmony DCS Technology. For example, before the DCS panel is ready for dispatch, I need to test each card on that panel.

- Project Title**:** Panel configuration with ABB Symphony Plus(SD series) DCS Technology
  Client Name: Uttarakhand Rajya Vidyut Utpadan Nigam Limited

In Logic building projects

Responsibilities: I have made logic in ABB Procontrol P13 Software.

- Project Title: Logic Upgradation with ABB P13 Technology
  Client Name: NTPC Simhadri

FAT & SAT Related Activity

Responsibilities: I have done ABB Symphony Plus(SD series) DCS panel testing in front of the customer.
- Project Name: Unit upgradation with ABB Symphony Plus(SD series) DCS Technology
  Client Name: GGPP, Andhra Pradesh

- Project Title: HMI Development & Upgradation with ABB Symphony Plus Technology
  Client Name: IPGCL Delhi

- Project Title: Unit upgradation with ABB Symphony Plus(SD Series) DCS Technology
  Client Name: NTPC Unchahar

Commissioning Activity

• Project Title: HMI & Logic Upgradation with ABB Symphony Plus & Procontrol P13
  Technology
  Client Name: NTPC Simhadri
• Project Title: HMI Development & Upgradation with ABB Symphony Plus Technology
  Client Name: GSECL Gandhinagar

• Project Title: Unit Upgradation with ABB Symphony Plus(SD Series) Technology
  Client Name: Gujarat Cement Works (GCW) Ultratech Cement Ltd., Rajula, Gujarat

Cable Scheduling Activity

• Project Title: Unit Upgradation with ABB Symphony Plus(SD Series) Technology
  Client Name: Gujarat Cement Works (GCW) Ultratech Cement Ltd., Rajula, Gujarat

Duration: January 2019 to March 2021

Name of the Institute: NIT, Rourkela
Designation: Junior Research Fellow
Project Title: Development of pH based portable arsenic bio-sensor
Technologies associate with: C, Arduino UNO
Duration: October 2017 to July 2018

Name of the Company: Indware Technologies
Designation: UI Designer
Technologies associate with: HTML, CSS, Bootstrap
Nature of work: Created 3 websites with the help of HTML, CSS, Bootstrap
Duration: September 2016 to February 2017

TRAINING AND CERTIFICATIONS

ENGINEERING SKILL DEVELOPMENT:

Industrial Training on LabVIEW Core1 and Core2. Hands on training on LabVIEW Software and Hardware

November/2018

FROM- NI Systems India Pvt Ltd. Bangalore, India

Industrial Training on Industrial Automation (PLC/SCADA/DCS)

March-June/2012

FROM- National Institute of Electronics and Information Technology (formerly DOEACC Centre CALICUT), Ministry of Communication and Information Technology, Govt. of India

PLC Programming on CoDeSys, Siemens (S7) PLC, AB (RS Logix 5000), SCADA(iFIX) and ABB DCS Technology
FROM-NIELIT, CALICUT

March-June/2012

Vocational Training on end-to-end process of Steel generation. Hands on training on Steel production and life cycle of the same
FROM- S.A.I.L, BHILAI

July/2010

CISCO Certified Networking training
FROM-W.E.B.E.L. INFORMATICS LIMITED,
A Govt. of West Bengal Undertaking

July/2010

I.T. & COMPUTER SKILL DEVELOPMENT:

Software Training on C, C++ Languages and Diploma in Java
FROM- ION, TATA CONSULTANCY SERVICES (formerly CMC Academy), Taratala, Kolkata

Sept 2015-Jan 2016

Basic computer course
FROM- G.B DOT COM Institute (Kolkata)

January-March/2006

ACADEMIC PROJECTS

Development of PC Based Temperature Measurement System (M.Tech)

PC based temperature measurement system is designed to measure the temperature of process using in built sound card as a data acquisition device. LabVIEW software is used to perform data acquisition and the system is also cost effective.

May 2014-May 2015

Traffic light controller using Microcontroller 8051
The Traffic Light Controller is designed to control road traffic. This is done by a Microcontroller programming. Microcontroller was used to reconfigure the program,if required.

May 2010-May 2011

TECHNICAL & SOFTWARE PROFICIENCIES

Analog and Digital electronics & Control Theory	Sensor and Transducer	Process Control and Data Acquisition
Languages-C, C++, JAVA	HTML, CSS, Bootstrap	MS-Office (Word, Excel, PowerPoint)

DECLARATION

I hereby declare that all the information provided herewith are true to the best of my knowledge and belief.

Place:

Date: Kuntal Deb Sarkar