

# SUVAYU CHAKRABORTY

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RES : 10A SREENATH GHOSE SARANI, KONNAGAR, HOOGHLY, PIN 712235, WEST BENGAL

PRESENT ADDRESS: RIYADH, SAUDI ARAB

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*Seeking challenging assignments with a growth oriented and fast track organization, utilizing acquired skills and experience to contribute towards the development of the Company, demanding high standards of quality and precision*

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- ✦ Meticulous & knowledgeable **B. Tech (Electronics & Instrumentation)** professional offering **7.5 years** of experience teamed with excellent domain knowledge
- ✦ Currently associate with **NATIONAL FACTORY OF GLASS BOTTLE "ZOUJAJ"**, Riyadh, Saudi Arab as **Head of the department - Instrumentation & Electrical** since **August'2016**
- ✦ Previously associate with **HINDUSTHAN NATIONAL GLASS INDUSTRIES LMT (HNGIL)** As **SR. Engineer** from **Feb'2013 to June 2016**
- ✦ Previously associated with **PMC Rubber Chemical India Pvt. Limited** as an **Electrical & Instrument Officer (Maintenance)** From **June' 2011 to Jan '2013**
- ✦ Adroit at maintaining Relay Logic, PLC, DCS, SCADA, Field Instruments, VFD etc.
- ✦ Profound knowledge of gathering & analyzing business requirement documents, functional specification document and propose changes as per various internal/external requirements for process improvement
- ✦ Expertise in areas like maintenance of machines, planning & scheduling the work and work force during breakdown, cost management, inspecting/quality check, etc.
- ✦ Hands-on experience in training employees on safety and newly implemented operating procedures
- ✦ Skilled in translating business requirements into functional and non-functional requirements
- ✦ Adaptable, out of the box thinker with a goal to establish long lasting relationship with the organization
- ✦ Extensive industry knowledge; keen client needs assessment aptitude; client focused approach that fosters trust and allegiance; highly trustworthy, ethical and discreet

## CAREER RELATED SKILLS

- ✦ Preventive, Break down and shutdown maintenance
- ✦ Problem Analysis & Resolution
- ✦ Documentation
- ✦ Energy Management
- ✦ Procurement Management
- ✦ Business & Leadership Reviews

## CAREER GRAPH

**Head of the department - Instrumentation & Electrical at NATIONAL FACTORY OF GLASS BOTTLE "ZOUJAJ", Riyadh, Saudi Arab** since August'2016

**Instrument Sr. Engineer at HINDUSTHAN NATIONAL GLASS INDUSTRIES LTD** from Feb '13 to July'16

**Electrical & Instrument Officer at PMC Rubber Chemical India Pvt Limited, Rishra** from June'11 to Jan'13

## Deliverables

### ➤ GLASS INDUSTRY :

- ✦ Adept in managing all over running maintenance, shutdown & preventive maintenance, motor, VFD, drives and other core electrical devices

- # Maintenance of **furnace** (Gas , Oil & petroleum coke ), maximum capacity of 400 ton glass manufactured by **Horn** , besides accustoms with furnace made by **Swarg, TECH GLASS**. Breakdown, shutdown maintenance of PLC based fully automated furnace with SCADA system. Adjusting and maintenance of LASER type glass level sensor, control valve, actuators, modification of logic, relay logics and other logic related problems are in the scope of the job
- # Maintenance of **Batch plant** of flint glass and colored glass (green, amber) manufactured by **Zippi**, also has profound knowledge of **EME** made batch plant.
- # Maintenance and temperature control of forehearth and distributor manufactured by **Emhart Glass & Tech Glass**
- # Profound knowledge on Individual Section machine **Bottero spv400, Bottero spv700 with servo mechanism** & **Emhart E-flexis** with and without FPS, hand held experience in PPC technology. Communication, installation of Jetter drive, Lenze Drive, strobe driver sync control By EFRA technology, Maintenance on **Pennikemp and revimac stacker** .
- # Maintenance of **Lehr** including gas fired burner of **Pennikemp, Bowman, Karmet & Antohini**
- # Maintenance of Hot End Coating Machine (**IMACA** ) & Cold End Coating Machine
- # **Inspection Machine** operation & maintenance of **SGCC, MX4, ATLAS, MULTI3, MULTI4, MULTI P, MCAL P manufactured by TIAMA**
- # Maintenance and modification of **packing machine (logicon), Palletizer (MSK), Single line control (MSK), shrink wrapping machine (THIMON & MSK), Pallet Dressing & shuttle car (MSK)**
- # Calibration & maintenance of Quality instrument like **RPT , RPT 2, Tilting Machine, HCMS, FCMS manufactured by AGR**
- # ISO training and implementation 9001:2008, 22001:4001, HPPAC

#### ➤ **CHEMICAL INDUSTRY :**

- # Maintenance of field instruments including RTD, Thermocouple, Pressure Gauge, Pressure Transmitter, Vacuum Transmitter, various types of Flowmeter, different types of level indicator, Control Valve, Compressor, different Switch, Weight Machine, Safety Device, I/P, P/I, SOV, Controller, Indicator, Recorder, various types of proxy, pyrometer etc.
- # Calibration of field instruments using dead weight tester, temp bath and other calibrated instrument
- # Maintenance of service unit – Burner (Oil Filled, gas filled) Super Heater, Hydrogen Plant, Compressor, SFD, etc.
- # Comprehensive knowledge on Wincc Manager, citec scada
- # Involved in ladder logic design for Packing Machine, Hydrogen Plant
- # Effective at handling Relay Logic Design, Ladder Logic Design, Troublesome of PLC & DCS
- # Hand held experience on Ethernet, Profibus DP, fieldbus foundation
- # Active involvement in Procurement – selecting material, maintaining ERP & SAP, and dealing vendors
- # Responsible for documentation for ISO 9001:2008 & 14001:2004

#### **Project Summary**

- # **Hydrogen Plant C30 Unit for 1 year**
  - 1st C30 Unit in India, produces 30 M3/HR Hydrogen
- # **Pestilattor for 1.5 years**
  - Production of ZC Pestil
- # **Husk Boiler, 8 Ton for 8 months**
  - Production of 17 Kg/CM2 Pressure and Superheated Stream

#### **SCHOLASTICS**

**SECONDARY (GENERAL) in WBBSE in 2005; MARKS: 88.87%**

**HIGHER SECONDARY (SCIENCE) in WBCHSE in 2007; MARKS: 75.07%**

## **B. Tech (Electronics & Instrumentation) from WBUT in 2011; DGPA 7.67**

### **Academic Attainments**

- ▣ Qualified GATE and AIR 1412 in 2012

### **External Trainings**

- ▣ Trained on AutoCAD 2D & 3D from CMC for 4 months in 2013
- ▣ Attended training on Drier Optimization from ITC Limited for 1 month in 2010
- ▣ Training on Simatic Manager (s7 400), RS Logic, wincc from STQC, Govt OF INDIA

### **Extramural Engagements**

- ▣ Participated in “Kshitij’09”, IIT Kharagpur in Robotics

### **PERSONAL DOSSIER**

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- ▣ Date of Birth : 7<sup>th</sup> March 1989
- ▣ Father’s Name : Tushar Chakraborty
- ▣ **Passport no** : **M0326129 (valid up to :July,2024)**
- ▣ Linguistic Proficiency : English, Hindi and Bengali
- ▣ Blood group : O +

(Suvayu Chakraborty)