

**SARAT BABU MOKA**

Email: sarat456@gmail.com | Mobile: +91 9705258210

Location: Rajahmundry, Andhra Pradesh | Willing to Relocate: Yes (Hyderabad preferred)

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**Senior Instrumentation & Control Engineer****16+ Years Experience | DCS, PLC, SCADA, Calibration | Process & Utilities Automation**

Instrumentation & Control Engineer with proven expertise in installation, commissioning, troubleshooting, and maintenance of industrial instrumentation systems in pulp & paper, utilities, and process industries. Adept at handling DCS/PLC systems, field instruments, safety interlocks, and audit-ready calibration processes.

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**Technical Skills**

- **Systems:** DCS (ABB 800xA, Honeywell Experion, Siemens PCS7), PLCs (Allen Bradley, GE Fanuc, Siemens S7), SCADA (Wonderware InTouch, WinCC, FactoryTalk)
  - **Instrumentation:** Pressure/Flow/Level/Temperature transmitters, Radar & Ultrasonic sensors, Control Valves, Vibration Sensors, Flame Scanners
  - **Protocols:** HART, Profibus, Modbus, OPC, Ethernet
  - **Tools:** SAP PM, MS Office, Trend Analysis, Diagnostic Tools
  - **Compliance:** ISO, Safety (HIRA), GMP exposure
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**Professional Experience****Andhra Paper Limited, Rajahmundry**

*Assistant Manager - Instrumentation*

**July 2008 – Present**

- Led instrumentation commissioning of Chipper#3 and integrated chip vibrating screen camera systems.
  - Diagnosed and resolved control faults using ABB 800xA, Honeywell DCS, Allen Bradley PLCs.
  - Calibrated over 500+ instruments/year including Rosemount, E+H, and Yokogawa transmitters.
  - Managed startup/shutdown instrumentation activities across Power Block, Digester, Boilers, Paper Machines.
  - Conducted loop testing for transmitters, detectors, analyzers, and BMS systems.
  - Configured and commissioned Radar Level Transmitters (Rosemount), Coriolis Mass Flowmeters (E+H), and magnetic/ultrasonic meters.
  - Led maintenance and RCA activities, reducing downtime by 20% through predictive planning.
  - Interpreted P&IDs, Loop Diagrams, Logic Diagrams; managed DCS/PLC cabinet wiring and I/O mapping.
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## Education

- **B.E.** in Electronics and Instrumentation Engineering, Gitam College of Engineering, Vizag (2005–2008), 70%
  - **Diploma** in Electronics and Instrumentation Engineering, SMVM Polytechnic, Tanuku (2002–2005), 77.39%
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## Certifications & Training

- Siemens S7-400 PLC (Step 7), Allen Bradley ControlLogix
  - GE Fanuc PLC Systems
  - Safety Leadership Training, HIRA (Hazard Identification and Risk Analysis)
  - Manufacturing Excellence – White Belt
  - Radiological Safety Officer Certification
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## Personal Details

- Date of Birth: 05 July 1985
  - Languages Known: English, Telugu, Hindi
  - Nationality: Indian
  - Marital Status: Married
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**Available for immediate joining | Open to roles in Pharma, Utilities, Process, or Industrial Automation Sectors**