

ARJUN
BYRANAYAKANAHALLI
KANTHARAJU

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Skills

- Project planning and execution
- ERP, installation, and commissioning
- Certified on Plc, DCS & SCADA at HONEYWELL
- Electrical Drawing, Electrical Calculation, Control BOM Selection.
- Instrumentation & Industrial automation solutions.
- System Hardware design, Control Panel design.
- Integrated Plant Controller (Hartman Loop)
- Certified on Automation Systems and Field Instrumentation at RCF
- Niagara N4, Workplace
- Control systems, BMS systems, communication protocols.
- switchgears, relays, and sensors.

Work Experience

Armstrong Design Private Limited-Bangalore

JUNE 2015 - OCT 2020 / MAY 2021 - TILLDATE

Senior Electrical Instrumentation Control & Automation Engineer (EICA) PROJECT ENGINEERING TEAM

- Contribute to the design, development, and implementation of control systems for Building Automation projects.
- Project Planning & Controlling, Procurement, Production, Inspection, Logistics, Deliveries, Customer Billing, Payment Collection, Expedition, Review Meetings, Progress Reports, Travel to Project Site, Services (Installation & Commissioning), Project Closeout, Customer Meetings & Customer Satisfaction.
- Assist as SME for sensors/instrumentation to other teams/projects across the company.
- Led implementation of engineering standards, processes and procedures for instrumentation system, software development, P&ID and Data Acquisition systems.
- Plan and execute Proof of Concept (POC) phase for new techniques and algorithm developed to provide diagnostic, prognosis and prediction of equipment failures.
- Managing cost-efficient & enhancing efficiencies for ensuring achievement of service, cost, delivery & quality norm.

Electrical Instrumentation Control & Automation Engineer (EICA) CONTROLS TEAM

- Integrate PLC, electrical, power systems and hardware components.
- Create and update controls schematics using AutoCAD.
- Designing, programming and commissioning PLC-based control systems for Chillers and pumps.
- Prepare archives of all PLC and HMI programs, as well as all machine documentation including layouts, schematics, spare parts lists and operation manuals.
- Troubleshoot programming failures & makes adjustments and document as necessary

ECO Energy(UTC)

OCT 2020 – APR 2021

Lead Engineer

- Lead a team of 15-20 Associate Engineers in Equipment Condition Monitoring (ECM) product line, developing new products that improve reliability and reduce downtime.
- Conduct system design, prototyping, field installation and data gathering for USA projects.
- Provide technical solutions to controller, electrical & BMS related issues.
- Create and present reports of process, pointing out inefficiencies and making recommendations for improvement.
- Managing day to day operation to ensure project defined SLAs & KPIs are met.
- Delegate tasks and set project deadlines.

Projects.

- Integrated pumping systems with sensorless technology.
 - Hotels: ITC, Ritz Carton
 - Airports: Bangalore International Airport
 - Commercial buildings: Adani Complex
 - Metro: Delhi Metro Railway Corporation Limited, Bangalore Metro Railway Corporation Limited, Gujarat Metro Railway corporation Limited,
- Integrated plant controllers with Hartman Loop technology.
 - Manufacturing plants: - Apollo Tires, Volkswagen, Ford, Toyoto.
 - Data centers: Netmagic, NSDL
 - Pharmaceuticals: Sunpharma, Beckman coulter, Macbrou, Mepro.
 - Tech Company: Wipro, ITC infotech, Tech Mahindra, Intel
- Evercool plant controller with hot standby.
 - For Tier 3 &4 data centers: CTRLS Data Centre.
- Boosters and Pressurization units.
 - Zoho estansia, Alpha Biomade, Alembic, Par pharma, Radison Blue.
- Fire container and Fire skids.
 - Wipro Kodathi, Adani solar, MN Park

Education

[MAY 2014]

ENGINEERING: Visvesvariah Technological University(NC)

Engineering in Electrical and Electronics Engineering

[MAY 2011]

DIPLOMA: Board of Technical Education

Diploma in Electrical and Electronics Engineering

[May 2006]

SSLC: Board of Secondary Education

Highschool

Activities

- Undergone PCB designing training
 - Orcad capture
 - Layout Plus
 - Post processing
- Undergone professional training in Plc, DCS, SCADA at “**Honeywell Automation India Pvt. Ltd.**”
 - DCS & SCADA programming (C200 & C300)
 - HMI Builder
 - Station and Configuration Studio
 - PLC Programming (ML200R)
 - Ladder logic
 - Peer to Peer Communication
- Trained in Canada on Integrated Plant Controller(Hartman Loop) and BMS systems
- Basic of Yokogawa DCS, Emerson DeltaV DCS, Rockwell, Siemens S7_200, S7_300 series PLC.
- Ability to understand systems in a quick & efficient manner.
- Certified Training on Automation Systems and Field Instrumentation at RCF
- Worked on Various software’s and tools that include MATLAB, AUTOCAD, OrCAD, SOFTMASTER, Honeywell Experion PKS Station, C & C++ Programming Languages, Java, Selenium, HTML, SQL, Microsoft suit-office, Excel, Power point and Access, LABVIEW, DRAFT SIGHT, NIAGARA WORKPLACE, One Tool, C-Suite.
- Worked on Niagara projects.

PERSONAL PROFILE

Name	: Arjun B K
Date of birth	: 30-Jul-1990
Sex	: Male
Father’s Name	: Kantharaju
Nationality	: Indian
Passport	: M0032006
Address (Current)	: #218,1st main, Gurudatta Layout, Bengaluru-85

References

Shenoy Thukarama

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