

PRAVIN KUMAR

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Career Summary

Electronics & Communications Engineer has over a 7 Years of proven expertise in Energy & Building management systems. I am looking for a position in growing firm where I can use my skills to their full potential.

Education

- 2009-2012: Bachelor of Engineering in Electronics and Communication Engineering with 70.6% from Anna University, Chennai(affiliated), India
- 2006-2009: Diploma in Electronics and Communication Engineering with 79.46%, Erode, India

Technical Skills

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| PLC & DCS Programming | HVAC Logic Programming |
| HMI Design & configuration | Front end graphics design |
| SCADA Design & configuration | Honeywell Comfortpoint open studio |
| Pneumatics & Field instruments | Honeywell Enterprise Building Integrator |
| Ethernet, BACnet IP & MSTP, MBus | DDC Controls |
| Controls wiring, Data converters | BTU Management System |
| Energy meters & VFD | Energy management system |
| Fire Alarm System | Sensors and Motorized Actuators |

Professional Experience

Position: Controls Engineer

Dec 2016- Till date

Company: Green Star Central Air Conditioning Co W.L.L

Manama, Bahrain

- Installation & Commissioning of Chiller Controls & BTU Meters
- BTU Monitoring and Billing software Installation and configuration
- Handling Trouble tickets, change management data center activities for HVAC mechanical & electrical jobs
- Attend on-call complaints, hands on support for equipments & escalate unsolved equipments issues to concern, coordinate various vendors for timely job completion
- Ability to find root cause of issue and solve issue in minimal time
- Arrange, carryout planned preventive maintenance (PPM) & Reactive Maintenance (RM)
- Preparation of RAMS, SOP & work schedules, Keep track of issues & documenting reports for LPO & payments tracking for every jobs
- Request for approvals, arranging & storing materials prior to take up job to avoid time delays & able to prioritize work during critical situations
- Arrangement of spare parts, ordering, organize delivery of material at site
- Assisting & work together in HVAC Testing & Commissioning (TAB) jobs

- Good knowledge on Chillers, VFD, AHU, Dx Unit, VAV, AC Units, FCU, Actuator, Sensors, Pressure switches, leak detectors and heat exchangers
- PLC Device configuration, Doing necessary program modifications for Unitary controllers
- Take part in weekly meetings, negotiation for with vendors for purchasing material, arranging manpower for work
- Experienced in taking care of PM & on call support for Amazon datacenter by adhering their safety protocols and HSE procedures

Work Summary: Greenstar, Bahrain

- **Amazon Data Center, BAH054:** PM & RM for AHU units, CRAHU units, FAHU units, VRV, AC Unit, pressurization & degassing unit, side stream filtration, Extract Fans, Makeup pump
- **a) Bahrain Car Parking Co BSC, b) Bahrain International Hotel, c) Bahrain Al Jazira Hotel & Supermarket d) Elite Tower, Seef:** Chiller controls Replacement for Trane & York Chiller
- **Bahrain International Hotel, Bahrain:** Erection & Commissioning of Cool line Chiller
- **Zawia Apartments, Amwaj Island, Bahrain:** BTU Meters installation, commissioning of BTU monitoring & Billing system
- **a) JAW School, Askar, b) Toyota Central Parts, Salmabad, c) Fontana Suites, Juffair d) Oasis Mall, Juffair, e) Marassi Al Bahrain, Amwaj Island:** Assisting & perform for HVAC TAB work
- **Ritz Carlton Hotel & Sail Tower:** De-commission & Commission of AHU Units
- **a) Mandarin Suits, b) Elite Seef Residence :** BTU Meter installation and commissioning

Position: Project Engineer- EMS

May 2013 - Dec 2016

Company: Elmeasure India Private Ltd

Chennai

- Installation and commissioning of energy management system & fire detection system
- Level and Flow Monitoring System, Street Light Management system
- Energy meters installation and commissioning, GPRS gateways & Cloud storage
- Installation & configuring EMS software, Troubleshooting complex issues, Remote Support
- Configuring data converters with proper IP addresses & ensure its connected to its LAN
- Performing energy calculation, provide training to customer on energy tracking to identify energy loss & check their power quality
- Expertise in activities like Technical Evaluation, Preparing Technical Proposal, Providing training and demo to clients and junior engineers
- Review and study the scope by site assessment and provide solution
- Preparation of PPT, data sheets, operation manual, service & commissioning report

Work Summary: Elmeasure, India

- Elgi Equipments Ltd, Pollachi: Undertook Site survey, designing of EMS and SLD designing. Installation & commissioning of energy management system
- SPB Ltd, Erode: Fire detection & alarm system. Performed site inspections, material handling, work plans and site survey. Installation & commissioning of fire alarm system
- Prince pipes Ltd, Chennai: Energy management system installation and support. Undertake site survey, cost estimation, installation guidance, and software installation.
- Sri Ramalinga mills Ltd, Virudhunagar: GPRS based EMS system for their wind mill. Undertake site survey, cost estimation, installation and commissioning of system
- Military Engineering services, Wellington, ooty & Chennai fort: Conducted demo on postpaid management system. Carried out site survey, work plans and quote
- Aparna Lakeview, Hyderabad: Postpaid energy management system.
- PSGR Krishnammal College, Coimbatore: Web based energy management system. Undertake site survey, cost estimation, installation and commissioning of system.
- Bosch Ltd & Acharya Institute of Technology, Bangalore: Troubleshooting the EMS software issues in software, field device configuration.

Position: Trainee Engineer- EMS

Nov 2012 – Apr 2013

Company: Elmeasure India Private Ltd

Bangalore

- Assisting for marketing, document control and after sales customer support teams
- Preparation of manuals, datasheets & installation procedures
- In marketing dept, assisted for company's website design, Dealer's client's feedback report & flyers design

Certifications

Certificate in PG Diploma in Industrial Automation for PLC, SCADA, DCS

Certificate in Building Management System for HVAC controls

Additional Information

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| Languages Known | English, Tamil, Hindi & Malayalam |
| Driving License | Bahrain Driving License |
| Nationality | Indian |
| Visa Status | Employment Visa |
| Marital Status | Unmarried |
| D.O.B | 09/09/1989 |
| Present Address | Al Hoora, Manama, Bahrain |