
RESUME

M.BALI GANAN,

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I having 10+ years experience in Electrical and Electronics field .My key skills are maintenance, commissioning and trouble shooting of various automation machinery control panels, CNC, VMC, HMC machines, conventional machines, PLC programming, SCADA systems, Drives systems, Servo Systems, Various electric motors, pumps and servomotors.

EDUCATIONAL AND TECHNICAL QUALIFICATION

1. Diploma in Electrical and Electronics Engineering – First class with Distinction from TN Technical Education Madras.(1995)
 2. Honors Diploma in Web – Centric Computing from NIIT – Coimbatore, India.
 3. Diploma in Computer Application from BHARATHI INFORMATION TECHNOLOGY – Coimbatore, India
 4. PLC Programming certified from ROCKWELL AUTOMATION, UAE.
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COMPUTER PROFICIENCY

Operating System: Linux5.0, DOS, Windows NT, Windows XP
 Languages: C++, JAVA, Java Servlets, JSP
 Internet Tools: Java Script, XML, HTML and WebLogic Server 8.1
 RDBMS: MS SQL Server 7.0, ORACLE 7.x
 Packages: MS OFFICE
 Specialization: Web Development using Java, JSP.

PLC SOFTWARES PROFICIENCY

ALEN BRADLEY : RS Logix 5000, RS LINUX, RS NetWorks, RS View
 SIEMENS : Step7 v5.2 Simatic Manager, WinPCIN

Experience Summary:

- 1.0 Working as an Electrical Engineer in Saudi Iron and Steel Company, Saudi Arabia. From Oct 2006 to June 2007.
 - 2.0 Worked as an Electrical and Electronics Supervisor in ARC INTERNATIONAL MIDDLE EAST L.L.C., Ras Al Khaimah, UAE. From May 2003 to July 2006.
 - 3.0 Worked as an Electrical and Electronics Supervisor in TECMO INDUSTRIES, Coimbatore, India. From January 1999 to April 2003.
 - 4.0 Worked as an Electrical Supervisor in Hindusthan Heavy Electricals, Coimbatore, India. From June 1995 to December 1998.
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EXPERIENCE DETAILS

1.0 Company Name: M.S.AL SUWADI INDUSTRIAL SERVICES CO.LTD.
Client: SAUDI IRON AND STEEL COMPANY, SAUDI ARABIA
Designation: Electrical Engineer - Maintenance
Period: From Nov 2006 to June 2007.

Company Description:

Saudi Iron and Steel Company (HADEED) is a subsidiary of Saudi Basic Industries Corporation (SABIC). SABIC was established in 1976. HADEED having more than 500 machines including CNC, VMC, HMC machines, PLC automation machines, convention machines, Hydraulic units, CNC profile cutting machines, copy lathe machines, electronic controlled welding machines, balancing machines and CNC roll grinding machines.

Technical Job Responsibilities and skills:

- Maintenance, troubleshooting of CNC, VMC, HMC Machines and PLC automation Machines. (Siemens and Heidenhain Controllers, etc.)
- Problem analysis and prepare technical report.
- Installation, maintenance, and troubleshooting of motion control equipments. (Adjustable frequency AC Drive of Siemens Micro Master and SimoDrive, VFD of Allen Bradley, Telemecanique and etc.).
- Installation, maintenance, commissioning and troubleshooting of Servo Modules, Servo Drives and Servo Motors.
- Maintenance and troubleshooting of convention machines, Hydraulic units, CNC profile cutting machines, copy lathe machines, electronic controlled welding machines, balancing machines and CNC roll grinding machines.
- Downloading/Uploading programs to Siemens and Heidenhain Controllers.
- Preparing maintenance planning and following-up preventive maintenance.
- Maintenance, commissioning and trouble shooting of Electrical Motors and motor control panels.
- Trouble shooting problems of centrifugal pumps, electric motors, brake motors and servomotors.
- I having knowledge in Profi bus, Inter bus, light bus, Mod bus, device Net, Control Net, Can Open, Ethernet, RS 232, USB and Sercous Interface.
- Reading Electrical Diagrams, PLC programs and troubleshooting control panels.

EXPERIENCE DETAILS

2.0 Company Name: ARC INTERNATIONAL MIDDLE EAST L.L.C
 Designation: Electrical and Electronics Supervisor
 Period: From May 2003 to July 2006.

Company Description:

Arc International Middle East (AIME) is Subsidiary company of Arc International - France, a multi-national Company having more than 18 decades experience in Table Ware products. Manufacturing products are all type of tableware glass (clear glass and opal glass). This plant is having more than 100 PLC / SCADA automation production machines including press machines, press and blow machines, spinning machines, belt / spindle lehrs, plate and bowl printing machine and Furnace and auxiliaries monitoring system.

Technical Job Responsibilities and skills:

- Maintenance and troubleshooting of PLC controller, communication module, I/O module, I/O devices and SCADA systems. (AB and Siemens etc.)
 - Maintenance, commissioning and troubleshooting of motion control equipments. (Adjustable frequency AC Drive of Allen Bradley and Siemens, etc.).
 - I having PLC/SCADA Programming knowledge in Allen Bradley Control Logix System. (Ladder Diagram, Function Block).
 - Maintenance, commissioning and troubleshooting of chillers, air conditioners and compressors and conveyors.
 - Installation, maintenance, commissioning and troubleshooting of Servo Modules, Servo Drives and Servo Motors.
 - Maintenance, commissioning and troubleshooting of automation machinery Electrical and Electronics control panels.
 - Problem analysis and prepare technical report. Preparing maintenance Schedule and following-up preventive maintenance.
 - Assembling, testing and commissioning of Electrical Motors and motor control panels (ABB, Siemens, Telemecanique and etc).
 - Trouble shooting problems of centrifugal pumps, electric motors, brake motors and servomotors. (AB, Siemens, Allen Bradley and etc).
 - Reading all Electrical Diagrams, PLC program and troubleshooting control panels.
 - Trouble shooting knowledge in PLC's brands are Allen Bradley, Siemens, VME Technology, Omron and Mitsubishi.
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EXPERIENCE DETAILS

3.0	Company:	TECMO INDUSTRIES
	Designation:	Electrical and Electronics Supervisor
	Period:	From January 1999 to April 2003

TECMO is very well aware of the stiff competition in the field of pump products. TECMO pumps are made with utmost care conforming to exacting International Standards (Accredited by RVA, Netherlands) Apart from the above, TECMO has bagged Indian Standards certifications such as IS 8472, IS 8034, IS 9283 & IS 14220. Manufacturing products are Agricultural pumps, Deepwell jet pumps, Openwell Submersible pumps, Borewell Submersible pumps and Bare Motors.

Technical Job Responsibilities and skills:

- Troubleshooting and maintenance of machinery control panels.
- Trouble shooting problems of centrifugal pumps, Electric Motors and Electrical systems.
- Field service and commissioning of various centrifugal pumps and Electric motors.
- Quality Control of various pumps as per IS and ISO.
- Reading all Electrical diagrams and troubleshooting problems.
- Trouble shooting and preventive maintenance of Electrical and Electronics and Instrumentation equipments.
- I have through knowledge of all kind of equipments like centrifugal pumps, compressors and Electric motors including their specifications and mechanical/Electrical performance.
- Design development of centrifugal pumps and motors.
- I can assemble and testing of all kind of motors. (Brake Motors, single phase and three phase motors and pumps).
- Preparing production schedule and ordering materials as per production schedule.

EXPERIENCE DETAILS

4.0 Company: HINDUSTHAN HEAVY ELECTRICALS
 Designation: Electrical Supervisor
 Period: June 1995 to December 1998

HINDUSTHAN HEAVY ELECTRICALS (HHE) a blue-chip company of the multi million Coimbatore based Hindustan group. Two decades of rich experience in the transformer manufacturing industry. Manufacturing product are power and distribution transformers which include oil cooled, Indoor / outdoor and special type transformers. Products ranges are 25 KVA to 5000 KVA in 11KV, 22KV and 33KV.

Technical Job Responsibilities and skills:

- Troubleshooting and maintenance of Electrical Control Panels and lighting.
- Trouble shooting problem of electrical motor and pumps.
- Wiring of control panels, lighting circuit and
- Maintenance and troubleshooting of various types of Electrical equipments used in industries.
- Following-up preventive maintenance programs.
- Maintenance, assembling and testing of Motors and pumps.
- Problem analysis and prepare technical report

PERSONAL DETAILS

Date of Birth: 05-06-1974

Sex: Male

Nationality: Indian

Marital Status: Single

Language Known:
(Read, Write & Speak) English and Tamil

Residential Phone (India): 0091 – 0422 – 2645226

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Permanent Address: 222, Thangavel street,
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Coimbatore – 641 022,
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Expected Salary: Negotiable