

Alagar Rajan M

No 3/53, Gandhi nagar,
Periyar salai,
Palavakkam, Chennai – 600041.
Tamil Nadu.

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OBJECTIVE:

To be part of the organization's challenging projects and contribute to the success of projects through creativity, innovation, smart and hard work. In the process, learn new technologies and upgrade individual skills.

PROFESSIONAL QUALIFICATION:

Discipline	:	BE – Electricals and Electronics with 68%
Duration	:	2011-2014
College	:	Sri Sairam Institute Of Technology, Chennai.
Discipline	:	Diploma – Electricals and Electronics with 82%
Duration	:	2009-2011
College	:	V.S.V.N Polytechnic College, Virudhunagar.
Discipline	:	Higher Secondary with 50%
Duration	:	2007 - 2009
School	:	Hindu Hr Sec School, Andipatti.
Discipline	:	SSLC with 68%
Duration	:	2007
School	:	Hindu High School, Andipatti.

CARRIER PROFILE:

- ✓ Have more than Three years hands on experience in the field of Design in Electrical panels
- ✓ Skilled in Designing PLC, VFD, Control desk type of panel using AutoCAD and E-Plan.
- ✓ Experience in Site Supervision of Field Cable, Tray Routing, Distribution Panel, Field Electrical equipment's Erections PLC, VFD and MCC Panel Systems.

PROFESSIONAL EXPERIENCE:

Current Employer: M/s. Base Automation Technologies Private Limited (*Recognized System Integrator of Rockwell Automation*), Chennai – 96
www.baseautomation.co.in

Present Designation: Engineer - Design.
Duration : July 2015 - Present

ABOUT THE COMPANY:

- ✓ Base Automation Technologies Pvt Ltd was incorporated in the year 1995 at Chennai, India as Engineering Solution Partner of Rockwell Automation.
- ✓ Base Automation Technologies Pvt Ltd is **ISO 9001:2008** Certified Company.

PROFESSIONAL RESPONSIBILITIES:

- Understanding the customer requirements from the specification provided by the customer during initial stage
- Obtaining essential data from customer through mail or telecommunication and Site Study.
- Designing the panels as per the customer specifications using AutoCAD & EPLAN software
- Preparation of Specification and bill of material
- Selection of right quality switchgears & other accessories like Pushbuttons, lamp, switches
- Follow up of materials from Suppliers & Purchase department
- Getting approval for the design from the customer
- Selection of right Industrial Enclosures as per applications required
- Preparation of Cables list, Terminal Chart, Order list etc
- Preparation of As built Engineering Documentation after Project Commissioning
- High Level of Design experience with PLCs such as Allen-Bradley, Siemens, Drives like Allen-Bradley, Siemens, Switchgears such as AB, Siemens, Schneider etc.

Projects Handled:

- a) **Client:** M/s. Siemens, Chennai.

Project Title: Produced Water and Open Drain System

Project details: The produced water treatment system treats the produced water from produced water flash drum that enters the system until the water meet specifications. (Walnut Shell Filter and Backwash Clarifier System).

Role: System study, Project schedule preparation and follow, Schematic diagram preparation, PLC BOM preparation, Preparation and submission of SLD, General arrangement and Wiring diagram, preparation and submission of Power and heat calculation, Ordering Electrical components and follow-up with purchase team, Coordinate with Production team to do panel built, verification and submission of electrical engineering documents, Preparation of Panel test reports. Inviting and participating in FAT.

Software Used: AutoCAD, E-Plan and SAP

- b) **Client:** M/s. Amara Raja Batteries Ltd,(Industrial Batteries), Tirupathi.

Project Title: OxMaster Paste Mixer.

Project details: Mixing the Oxide with Water and Acid of Recipe plan through HMI. Compound mixing in TIME, TEMPERATURE parameter.

Role: System study, Project schedule preparation and follow, Schematic diagram preparation, PLC BOM preparation, Preparation and submission of SLD, General arrangement and Wiring diagram, preparation and submission of Power and heat calculation, Ordering Electrical components and follow-up with purchase team, Coordinate with Production team to do panel

built, verification and submission of electrical engineering documents, Preparation of Panel test reports. Inviting and participating in FAT.

Software Used: AutoCAD, E-Plan and SAP.

c) **Client:** M/s. Trelleborg, Sweden.

Project Title: Rubber compounding machineries

Project details: Banbury system for various Rubber products using different RAW materials

Role: System study, Project schedule preparation and follow, Schematic diagram preparation, PLC BOM preparation, Preparation and submission of SLD, General arrangement and Wiring diagram, preparation and submission of Power and heat calculation, Ordering Electrical components and follow-up with purchase team, Coordinate with Production team to do panel built, verification and submission of electrical engineering documents, Preparation of Panel test reports. Inviting and participating in FAT.

Software Used: AutoCAD, E-Plan and SAP.

d) **Client:** M/s. Orchid chemicals, Chennai.

Project Title: Utility automation control system.

Project details: Compressor Air distribution system for Nitrogen Plant

Role: System study, Project schedule preparation and follow, Schematic diagram preparation, PLC BOM preparation, Preparation and submission of SLD, General arrangement and Wiring diagram, preparation and submission of Power and heat calculation, Ordering Electrical components and follow-up with purchase team, Coordinate with Production team to do panel built, verification and submission of electrical engineering documents, Preparation of Panel test reports. Inviting and participating in FAT and VFAT.

Software Used: AutoCAD, E-Plan and SAP.

And many more projects executed in the Automation division.

Personal details

Date of birth	25 th May 1992
Nationality	Indian
Marital Status	Married
Languages	Tamil & English

I hereby declare that the above furnished particulars are true to the best of my knowledge and belief.

Place : Chennai

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