

Neeru Solanki

ELECTRICAL DESIGN ENGINEER

Name : Neeru Solanki
Mobile : +91-9810212770
Birth Day : 19/08/1994
Religion : Hindu
Nationality : Indian
Marital Status: Married
Qualification: B.Tech (Electrical) passed out in Jun'15 with **HONOURS DEGREE** from Uttar Pradesh Technical University
E-mail : neerusolanki1994@gmail.com

CAREER OBJECTIVE

Seeking for an assignment in an organization of repute which would help me to utilize my current skills and abilities as an experience and providing the deliverables which are in the benefit of the organization.

EXPERIENCES

30th July. 2018 – Present **[Rockwell Automation]**
[on it's Payroll]

Location :

Rockwell Automation, Embassy TechZone, Hinjewadi, Phase-2, Pune.

Job title and Description :

- Solely responsible for creation of new **Circuit Builder Codes**, Symbols and Circuits (in **AutoCAD**) for new products Cewsification (Automation) with respect to Electrical drawings.
- Doing TRIAJ work on existing products which includes helping Application Engineer Globally with their issues on lives orders by correcting/de-bugging it and placing the same in production for **PF7000 VFD (Variable Frequency Drives) / PF6000T VFDs /1500 Starters** product.
- Electrical Automation of newly launched MV Drive 6000T product completed by me from scratch, resulted in myself becoming a **SME (Subject Matter Expert)** globally for this product.
- Lots of coordination with development team and concerned stake holders of projects which includes meetings / discussions needs to be done at late night/early morning due to 12 hours time difference with the Front Offices.
- Implementing the modifications/developments which are happening in existing products.

- Doing modification in standard templates as per Point to Point received from manufacturing of PF7000 Drives / PF6000T Drives /1500 Starter.
- Attending meetings related with projects engagement and list down the requirements from the project's stake holders.
- Team meetings to discuss any problem coming anywhere in the standard process set.
- Helping team in the development of New Autogen Engine by Regression testing and fixing/reporting those bugs.
- Meeting with management on new developments required to be done to improve the process as well as efficiency by sharing new ideas.

Designed Projects :

- Development of PF6000T HPC product (Drive) from PF6000G.
- Converting the legacy style PF6000G drawing in new style AutoCAD drawing.
- Development of PF7000T HPC product (Drive) from PF7000A.
- Development of 1562F and 1560F (Soft Starters) which included the replacement of SMC FLEX with SMC-50 technology in all 1560E & 1562E bulletins.
- Automation/Cewsification of 1912B (starter)product.
- Replacement of old TEK fans with new ZA fans in all 7000B RPD TD Drives.
- Replacement of Multilin 469 relays with Multilin 869 relays in all 1-High starters.

25th Sep. 2017 – 27th July. 2018

**[Rockwell Automation]
[on Virtuoso Payroll]**

Location :

Rockwell Automation [through Virtuoso Automation Solutions], Embassy TechZone, Hinjewadi, Phase-2, Pune.

Job title and Description :

- Electrical Designing & Drafting in CEWS (Advance Autocad) & Legacy (Normal Autocad) style drawings.
- Giving Support in Amendment of VFD's & Soft Starter's Schematic from Blue Line Mark-Ups provided by clients.
- Attending Skype Business Calls with Canadian clients regarding Project's amendments.

Designed Projects :

- Done Classic to Forge Conversion of PowerFlex 7000 series VFD for Ingenio LA Union, S.A.; for Echo Pipeline Limited C/O Sunstone Projects Limited, etc.
- Converted SMC-D to SMC-Flex Schematic drawings for City of Phoenix, Union Hills Water Treatment Plant; for Exxon, C/O R.A. Argentina, etc.
- Correction Done as per the Blue Line Mark-up provided by Westrock (customer); by Rand Water C/o R.A. South Africa (customer), etc.

3rd Aug. 2015 – 16th Sep. 2017

[Karytron Electrical]

Location :

Karytron Electrical Private Limited, Bahadurgarh, Haryana.

Job title and Description :

- Design Single Line Diagram (SLD), General Arrangement Drawing (GA) for Electrical Panels and Site Layout's by using AutoCAD 2013 software.
- Prepare Bill of Material (BOM) and Costing against the same for Project/Tender.
- Prepare Quotation for Client, sending and taking feedback from them.
- Constant Follow-Up of the projects for which we have submitted Quotations.
- Attend meetings with clients to discuss any issue related to our Design.
- Preparing Performa Invoices (PI) for the project which become final.
- Preparing final version of Detailed Drawings for production.
- Making Scope of Work for the projects which is having SITC (Supply, Installation, Testing & Commissioning) as well as preparation of Technical, Commercial & Site files of same.
- Supervision Experience of Lab (Supervisor).
- Prepare Periodic Follow-Up Reports to the Progress of the Work at Production.
- Prepare Data Process Report (DPR) on Daily Basis.
- Designing of Layout for project with Placement of Solar panels and preparation of Single Line Diagram for Solar Panel's projects.
- Handling the customer enquiries related with solar at front end.

Designed Projects :

- Design SLD, GA of panels, Site Layout & preparation of BOM, Costing, Scope of Work & Quotation:
 - for Lps Bosard's Project, Haryana
 - for HR Polycoat's Project, Haryana
 - for Niknam Chemical's Project, Visakhapatnam
 - for MG Pet's Project, Delhi
 - for Asees Export's Project, Haryana
 - for Super Hylam's Project, Delhi
 - for JJ Hospital's Project, Haryana
 - for Electropower's Radiomirchi Project, Chandigarh
- Designing SPV Layout with placing of solar panels, it's SLD & Earthing
 - of Mission Hospital's for 25.5KWp of Haryana.
 - of Umma Akadh Agro's for 68.4KWp of Surat
 - of Shree Additives Pharma & Food's for 50KWp.

BASIC ACADEMIC CREDENTIALS

Qualification	Board/University	Year	Percentage
B.Tech (EE)	Galgotias College of engineering and technology (UPTU)	2011- 2015	80.20% (Honours Degree)
Intermediate	CBSE	2010	81.60%
High School	CBSE	2008	86.80%

Certificates

- 1- **PLC & SCADA Certificate**: Done a training from 17/06/2013 to 02/08/2013 from ARTLAB, Sector 15, Noida.
- 2- **AutoCAD 2D Certificate**: Done a course on AutoCAD 2D during August 2013 at CAD Centre Training Services, Sector 18, Noida .

SKILLS

Computer Skills:

- ❖ Experience in using **AutoCAD**.
- ❖ Good Experience in using Microsoft **Office** applications.
- ❖ **C++, Java** (Inheritance, Multithreading, Exception Handling, Collection).
- ❖ Good Experience in using **Internet** & Internet applications.

Soft Skill :

- ❖ Leader ship skills.
- ❖ Decision making skills.
- ❖ How to manage a team.
- ❖ High Communication & Presentation skills.

General Skills :

- ❖ Developing my technical skill by permanent self study.

Language Skills:

- ❖ Proficient in Hindi & English.

ACADEMIC PROJECT

I had completed Major Project of my college on “Yakult Automation Plant” using PLC-SCADA. The project was created showing various steps in manufacturing of Yakult bottles like filling, capping, packaging, dispatching etc. (software based project)

ACHIEVEMENTS

- Become 1st youngest **Subject Matter Expert (SME)** in GEC
- **Business Visa for Canada** till 2025
- Many times became Employee of the Month in Rockwell GEC
- Won 2nd Prize in PLC SCADA competition.
- Got 22nd position in Science Open Merit Test-2008
- Won 4th Prize in Youth Parliament.

HOBBIES

- Reading books
- Internet surfing
- Listening to music
- Playing chess