

**Yamini K. Mahajan**  
**B.E(Electrical Engineering)**  
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Date of Birth : 02 Aug 1990

A401, SWAMI SAMARTH APP.  
SECTOR 9, AIROLI,  
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## CAREER OBJECTIVE

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To obtain a challenging position in a high quality engineering environment where my resourceful experience and academic skills will add value to organizational operations.

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## EXPERIENCE

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### Design Experience :

- Proficiency in Panel circuit design and electrical control systems
- Proficiency in Single Line Diagram Design, Schematic design, protections, metering, cables and cable sizing.
- Proficiency in Switchboard design
- Proficiency Switchgear selection.
- Proficiency Simulation tools like E3 Schematic, Promise, Siengine.
- Proficiency in AutoCAD, SAP.

**Current Employer : Symatic Engineering Pvt. Ltd (Navi Mumbai) as Lead Design Engineer - Electrical Switchboard : DEC 2014 till date**

### Projects undertaken at Symatic Engineering :

#### 1. BPCL Kochi Refinery.

- Schematics of control & power circuit using Siengine
- Selection Of Switchgear
- Preparation of General arrangement, SLD drawing
- Bill of material preparation
- Project Management

#### 2. 1 x 20 Kw CPP switchboard for Thermax A/C MWV PAPER BOARD.(PMCC,MCC,DB's)

- Schematics of control & power circuit using Siengine
- Selection Of Switchgear
- Preparation of General arrangement, SLD drawing
- Bill of material preparation
- Project Management

#### 3. WTP-MCC- THERMAX ZAMBIA(MCC)

#### 4. 3 x 30Kw CPP switchboard for Thermax A/C Benue Cement, Nigeria(PMCC,MCC,DB's)

### Past Experience:

#### Larsen & Toubro - Marine Switchboards & Control systems as Design Engineer

- Design control & power circuit, general arrangement drawings, SLD, Cable selection & sizing,
- Designing of cable layout ,Engineering of Cable scheduling & lighting system

- Estimation of cost and Bill of material
- Preparation of release documents & purchase requisition using SAP.
- Preparation of cost sheets & its validation with respect to the estimated cost.
- Documentation (Technical Manual, Troubleshooting Guide, Instructions Manual)

**Projects undertaken at L&T, Marine :**

1. **P15B ( MSB, EDC, Feeder Section, SSB, APMS)**
2. **Interceptor Boats ( MSB, ESB, DB, DCDB, GSP, CPP)**
3. **Indiana Build**
4. **Cadet Training Ship**

**Procurement experience**

- Preparation of technical inquiry for vendors.
- Selection of vendors and finalization material as per the specifications in optimum cost.
- Interaction with customer for better understanding of technical requirements and smooth execution of project

**Sales and marketing assistance**

- Assistance to sales team for preparation of commercial as well as technical proposal for new projects for electrical design.
- Design of catalogue for products and services offered.

**Site assistance**

- Provided off site assistance to site team for installation, integration, commissioning and Onsite Trails of equipment.

EDUCATIONAL DETAILS				
Examination	University	Institute	Year	Percentage
B.E.	Pune	AISSMS-IOIT, Pune	Aug'12	68.06%
HSC	Nasik Divisional Board	P.O. NAHATA College, Bhusawal	Feb'08	65.17%
SSC	Nasik Divisional Board	SSMDV, Deepnagar	March'06	79.33%

**Pursuing PGDM in operation Management in Welingkar Institute of Management under University of Mumbai.**

**Post Graduate Diploma in Industrial Automation (PLC & SCADA Programming and Design) from Prolific Systems, Pune (Sept 2014- Dec 2014)**

TECHNICAL SKILLS
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- AutoCAD
- E3 schematic
- Siengine and Wire 7
- PLC and HMI :: Allen Bradley, Siemens

- Programming Language :: Ladder Logic
- SCADA
- PCschematic Automation and Database

## PROJECTS

- Automation of sugar syrup pumping system using pneumatic pumping, BE project
- Design system using automation with low maintenance; reduce space, economical, greater life, advance computation supported and efficient one system. Familiar with Programming language of Nexgenie NG16DL PLC (Messung PLC).
- Eco-friendly Gadgets and its application, seminar topic

## Co CURRICULAR ACTIVITIES

- Completed Diploma in Electrical CAD( PCSchematic CAD) Course at CAD center, Jalgaon
- Participated in workshop on EDSA(Electrical design simulation and analysis) software from NEON INFOTECH Pvt. Ltd

## EXTRA-CURRICULAR ACTIVITIES

- Won first prize in technical poster making and project competition at national level
- Was a member of Institution of Engineers IE(India)
- Was a member of National Social Scheme (NSS)
- Was a member of Electrical Engineering Student's Association (EESA)

## PERSONAL DETAILS

**Name** : Yamini Kashinath Mahajan  
**Father's name** : Mr. Kashinath Senu Mahajan  
**Date of Birth** : 02 August 1990  
**Nationality** : Indian  
**Religion** : Hindu  
**Marital Status** : Unmarried  
**Languages Known** : English, Marathi and Hindi

### Declaration

I hereby certify that the above information is true and correct to the best of my knowledge.

**Place:** AIROLI

**Yamini K. Mahajan**