

RESUME

Rahul Ramesh Borade.

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Present Address:-

Mangal Bhairav B18-1004, Nanded city
Sinhagad road, pune.

Abstract of Expertise:

- Having good experience in designing & detailing of Electrical system for Commercial, Residential & Infrastructure projects.
- Having good communication, interpersonal, organizational and presentation skills with high level of self-motivation.

Organizational Experience: (Total: 6 years 9 months)

1. **New York Engineers** – Engineering consulting firm headquartered in New York, focused on overall efficiency for the most streamlined designs and minimizing construction cost by eliminating the extraneous.
Designation- **Senior Electrical Engineer** (From Sept 2017 till present) = 2 years 6 months.
2. **Neilsoft** – A specialist engineering services & solutions company, servicing clients across USA, Europe, Middle East, Asia-Pacific and India in a various engineering segments through its local offices.
Designation- **Electrical Engineer** (From Jan 2017 till September 2017) = 9 months.
3. **Dar Al-Handasah** – International Multidisciplinary Consultancy firm, which provide planning, design management and consultancy for the world's most important and challenging projects.
Designation- **Electrical Engineer** (From July 2013 to Dec 2016) = 3.6 Years.

Job Responsibilities:

- Designing of electrical schematics for large residential, commercial and infrastructure projects in Middle East, African countries and USA.
- Design of efficient electrical system in conformance with international standards and codes (BS, IESNA, IEC, IET wiring regulations, CIBSE, NEC, NFPA, ASHRAE,IECC etc.) and local codes such as NYC building code, NYC energy code, Chicago building code.
- Designing of Fire alarm system for residential and commercial projects and other assembly occupancies using NFPA-72, IBC and local codes.
- Well versed with DEWA and KAHRAMAA authority guidelines.
- Sizing calculations for electrical equipment's such as MV/ LV Breakers, Bus bars, Transformers, Distribution panels, MV switchgear, RMU, Lighting and power panels, DG Set & UPS etc.
- Preparation of electrical drawings for overall project involving substation layouts, Earthing and Lightning protection layouts, cable tray / Trench routing with sections, elevations & necessary instructions.

- Design calculations such as Load estimation, cable sizing calculations, Illumination level calculations, Lightning Protection system.
- Load flow analysis, fault level calculations and voltage drop calculations using ETAP software.
- Sizing of Motor control center (MCC), Power control center (PCC) based on NEC.
- Preparation of MCC, Panel boards and Feeder pillar schedules.
- Lighting control design and preparing control schematics.
- Co-ordination of electrical work with architectural, Mechanical, Structure using Revit MEP 2019 and Navisworks.
- Preparation of BOQ, Estimation & design for Tender.
- Evaluation of Technical documents for various electrical equipment's.
- Checking of Contractor Shop Drawings & Panel GA Drawings.
- Coordination with contractors to resolve SCR (Site Clarification Request) for any issue in electrical design.

	List of few Completed Projects :
1	Al Bayt 2022 fifa world cup stadium, Qatar.
2	National Guard Health Affairs (Residential Buildings) - Saudi Arabia.
3	DAEP consultants offices, Dubai.
4	MBR dubai Hills (Residential buildings), Dubai.
5	Mikano warehouse, Nigeria.
6	Medina mosque , Saudi Arabia.
7	Ongazanga residential complex, Angola.
8	Dondo Touristic development (Residential + sports complex), Angola.
9	JB&B HLP2 Residential building, New York, USA.
10	116 suydam st, New York, USA
11	8000 Lincoln, Chicago, USA
12	Forest garden, New hampshire, USA
13	351 3 rd st, New Jersey, USA
14	160 west Harlem park, New York, USA

Software Knowledge:

- Revit MEP 2019
- Navisworks 2019
- ETAP 14.1
- Amtech
- DIALUX 4.13
- AutoCAD 2019
- Elevate
- Furse
- CAT.

Academic Profile:

Exam	Institute	Board/ University	Year of passing	CGPA/Percentage
B.Tech Electrical ENGG.	College Of Engineering Pune (COEP)	Autonomous College	2013	7.77
H.S.C.	R.Y.K science college	Pune University	2009	81%
S.S.C.	Purushottam English School	Nashik	2007	85.69%

Gender: Male.

Date of Birth: 12/09/1991.

Languages Known: English, Marathi and Hindi.

Date:

Place : PUNE.