

Ms. Snehal Shingare

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### **Summary:**

Highly motivated **Electrical Engineer**, having **6 years** of experience who works diligently towards the schedule, budget, scope of each project utilizing internal & external resources to achieve project goals, passionate for solving problems & improving the built environment, comfortably working with others on a multidiscipline engineering team.

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### **Highlights:**

- Electrical Design
  - Utility
  - Tender documentation
  - Team management
  - Power distribution, lighting, fire alarm and LV
  - Distribution substation
  - Short circuit and voltage drop calculations
  - Cost estimation
  - Designing, Planning & Scheduling
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### **Core skills:**

Proficient with AutoCAD, DiaLux, MS Office, Revit.

Excellent interpersonal, written & verbal communication skills.

Ability to exercise independent professional judgment.

Excellent planning and organizational skills.

Ability to manage multiple projects while maintaining deadlines.

Strong desire to increase skills and knowledge.

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### **Accomplishments:**

Participated in variety of projects including townhouses, residential, high-rise, mixed-use occupancy, commercial and industrial projects.

Complete assignments with high degree of quality with regards to time and budget constraints.

Participated in adopting & generating specifications for new electrical distribution equipment's.

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### **Experience:**

#### **Team Leader:**

September 2017 to Present

#### **New York Engineers, Pune**

- Handling a team of 15 members & ensure proper information flow
- Planning & scheduling of resources required to deliver the services.
- Assign task to junior engineers for timely delivery of the projects.
- Provide managerial, technical, and engineering expertise in all functionality of the MEP systems.
- Determine improvements in MEP design.
- Prepared electrical diagrams, detailed physical layouts, cost estimations, and load calculations.
- Reviewed shop drawings, submittals, RFI's, and facilitated all other CA questions.
- Updated and modified project specifications.
- Initial set up of architectural backgrounds and external references for new projects.
- Sized equipment including panel boards, circuit breakers wires and conduits, switchgear, and transformers to create one-line diagrams.
- Conducted short circuit studies and performed voltage drop calculations
- Designed fire alarm systems for several market sectors including storage spaces and commercial buildings.
- Designed and scheduled lighting systems, fixtures and low voltage lighting controls.
- Coordination of electrical services with all trades.

**Lead engineer:**

September 2012 to November 2016

**S N Joshi Consultants Pvt. Ltd, Pune**

- System Load studies & equipment sizing.
  - Preparation of Cable Schedules & Sizing of cables as per Voltage Drop Calculations.
  - System Fault studies & fault level calculations.
  - Lighting system design by Lux level Calculations.
  - Earthing Calculations.
  - UPS Sizing Calculations.
  - Capacitor bank sizing calculation & selection.
  - Lightning Protection system design calculations.
  - Electrical System Single line diagrams for HT & LT side.
  - Tender documents like Bill of Quantities, technical specifications, rate analysis & approximate budgetary.
  - Selection HT, LT switchgear & protective devices.
  - Preparation of Substation layouts as per space considerations.
  - Preparation of Cable Tray, Cable Trench layouts and Panel Locations in drawing.
  - ELV system design (Preparation of TV, TEL Schematic Single line diagrams).
  - Review of Vendor Electrical drawings and documents.
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**Soft Skills:**

- Good communication skills.
  - Energetic & smart working.
  - Eagerness to learn new technologies & practices.
  - Capable to handle critical & complicate situations in an effective & efficient manner.
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**Academic Qualification:-**

- B.E in Electrical Engineering from ZES's Dnyanganga College of Engineering & Research, University of Pune with an aggregate of 70.20% in 2012.
- Diploma in Electrical Engineering from Government Polytechnic, Pune with an aggregate of 76.44% in 2009.
- SSC from Jai Hind High School, Pune with 80.00% in 2006.

I hereby informed that above mentioned information is true to best of my knowledge and belief.

**Place:** Pune

**Date:** / /2019

**(Snehal Shingare)**