



Neeraj Tiwari

Consummate & pragmatic professional with **over 3 years of experience**, targeting assignments in **Designing & Development** with an organization of high reputation.

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Core Competencies

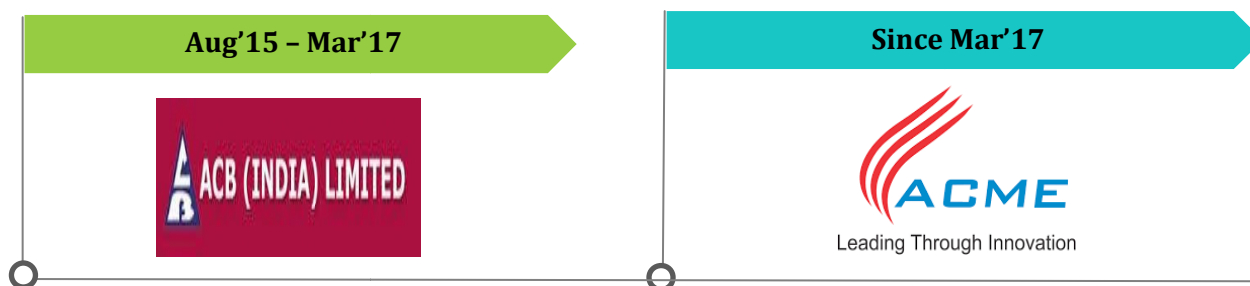
Soft Skills



Designing & Development
Project Management
Value Engineering
Process Enhancement
Quality Assurance & Control
Risk Management
Change Management
Cross-functional Coordination
Client Relationship Management

Communicator
Collaborator
Intuitive
Innovator
Motivator
Analytical

Career Timeline



Executive Profile

- ❖ Wealth of expertise in managing **Design Engineering Operations** entailing capacity planning, resource utilization, material management, work measurement & safety norms establishment
- ❖ Expertise in managing R&D functions encompassing planning & controlling the design, costing & development operations; conceptualizing & effectuating process initiatives to enhance efficiency and productivity
- ❖ Received an opportunity to **visit China for Testing & Commissioning of 1500V Central Inverters** while working with ACME, Gurugram
- ❖ Skilled in **building and maintaining relationships with internal & external stakeholders** including engineers/ clients for ongoing projects & **bridging for a competitive product output in the market**
- ❖ Led many **major projects** inclusive of Lowest Tariff Project in India titled Bhadla, 2X100MW, REWA 1X250MW, 150MW Kredl, 3X50MW Galiveedu (AP-SECI), 10X5MW Telangana, 50X2MW Pavagada & 4X40MW SECI-K
- ❖ High integrity & energetic leader with proven skills in quality assurance and product development to deliver quality services to clients/ customers

Notable Accomplishments Across The Career

ACME, Gurugram

- ❖ Bagged **Best Employee of the Company Award** for exhibiting excellent performance across the tenure in 2018
- ❖ Steered efforts in **DC Execution** entailing review of SLDs, Component Sheets, Cable GTPs, Layouts such as SCB Grouping Layout, Cable Routing, Trench Layout, Earthing Layout, Cable Schedule & String Harnessing and GA Drawing for SCBs, PV Connectors & Conduit
- ❖ Formulated BOM, Earthing Sizing Calculation, Cable Sizing, & Module Allocation
- ❖ Extended the contribution towards the selection and sizing for Cables, String Combiner Box, & Earthing for complete plant
- ❖ Played a key role in managing Re-powering Projects inclusive of **Energy Requirement Analysis** to meet the

CUF, Site Visit, review & approval of Drawings

- ❖ Conducted **Grounds Mount Plant Design Analysis** inclusive of control of parameters like Pitch & Tilt using PV Syst to ensure maximum generation

ABC (India) Limited, Gurugram

- ❖ Managed the **MV/ LV Cable Sizing Calculation** for **1X50 MW Thermal Power Plant** for Spectrum Coal & Power Limited, Chhattisgarh
- ❖ Monitored:
 - **Plant Key Single Line Diagram (KSLD)** inclusive of design & engineering of **Power Distribution System**
 - **Cable Tray Layout & Cable Routing and Electrical Layouts in BTG & BOP Areas**; reviewed and finalized **Master Drawing List (MDL)**
 - **Power Transformers Sizing** of Generator Transformer (GT), Unit Transformer (UT), Station Transformer (ST), Reserve Auxiliary Transformer (RAT) & Unit Auxiliary Transformer (UAT)
- ❖ Rendered **Engineering Assistance** to Electrical Commissioning Team at site; resolved **Site Engineering Issues** by frequently visiting the site

Organizational Experience

Since Mar'17 with ACME, Gurugram as Senior Design Engineer

Key Result Areas

- ❖ Designing & reviewing components, recommending design modifications based on client requirements or for saving raw material cost & process cost of component
- ❖ Executing risk management by recognizing new risks & incorporating risk mitigation measures
- ❖ Interfacing with multiple departments in the field for successful implementation of solutions to address real life industrial challenges
- ❖ Managing overall operations for new products or improvement of existing products with thrust on reducing product cost
- ❖ Planning effective manpower deployment & works scheduling of qualified workforce; addressing training needs of staff to enhance skills and productivity
- ❖ Analyzing & producing the technical requirements and specifications & recommending design modifications based on client requirements
- ❖ Collaborating with vendors and reviewing drawings to ensure with the pre-defined specification and datasheet

Career Commencement: Aug'15 – Mar'17 with ACB (India) Limited, Gurugram as Design Engineer

Academic Details

- ❖ **B.Tech. (Electrical & Electronics)** from Guru Gobind Singh Indraprastha University, New Delhi in 2015
- ❖ **Diploma in Electronics** from Board of Technical Education, New Delhi in 2012
- ❖ **XII** from Kulachi Hansraj Model School, C.B.S.E., New Delhi in 2009
- ❖ **X** from Kulachi Hansraj Model School, C.B.S.E., New Delhi in 2007

IT Skills

- ❖ PV-SYST v6.7.4 & Solar-GIS
- ❖ Fundamentals of Programming Languages: C, C++
- ❖ Microsoft Office (MS Word, MS Excel & MS PowerPoint)
- ❖ Internet Application

Personal Details

Date of Birth: 23rd March 1992
Languages Known: English & Hindi
Address: C-6/ 42A, Keshav Puram, Lawrence Road, New Delhi – 110035
Passport Details: Passport Number –Z3159070