

UMA KANT

C-90 SECTOR-51, NOIDA

Uttar Pradesh (INDIA) Pin - 201301

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ELECTRICAL AND ELECTRONICS ENGINEER

PROFILE AND STRENGTH

Backed by strong academic credentials: *B.Tech. (Electrical and Electronics Engineering)*; targeting assignments on *Electrical Designing and Engineering, Power System –Substation Engineering, Switchgear, Automation System Development and Engineering*; possess zeal to make a mark in the Industry and to further company's objectives and goals within timelines and utilization of my professional skills, with the potential of long-term development and growth of me along with company

- Accented with the latest trends and techniques of the field, having an inborn quantitative aptitude, determined to carve a successful and satisfying career in the core industry.
- Enriched with the ability to learn new concepts & technology within a short span of time.
- Self motivated, hard working and goal-oriented with a high degree of flexibility, creativity, resourcefulness, commitment and optimism
- Enriched with the ability to learn new concepts & technology within a short span of time.
- Well developed communication skills with reputation of unwavering accuracy, credibility & integrity, exceptional presentation skills with the ability to perform above expectations

EXPERIENCE: TOTAL EXPERIENCE - 7 YEAR AND 07 MONTHS

CURRENTLY WORKING in GE POWER INDIA LIMITED, Noida (INDIA) - formally Alstom (on contract) - As A ELECTRICAL ENGINEER –ELECTRICAL SYSTEM -DCS ENGINEERING.

JOB RESPONSABILITY - PREPARATION OF CONTROL SCHEME, POWER DISTRIBUTION AND PROTECTION SCHEME. COMMUNICATION NETWORK ARCHITECTURE PREPARATION FOR DCS. POWER SYSTEM – ELECTRICAL EQUIPMENT SELECTION & SIZING CALCULATION- Cable Sizing Calculation, System Fault Current calculation, CT-PT SELECTION-SIZING, CALCULATION FOR POWER FACTOR-COMPENSATION, BATTERY-CHARGER SIZING CALCULATION, Study on Software. SOFTWARE PACKAGE- ZUKEN'S E3 SERIES, ETAP, AUTOCAD ELECTRICAL 2012.

TIME PERIOD – MAY 2014 to at PRESENT.

CURRENT PROJECT : TGC Package & Excitation – NTPC OBRA.

- Previously worked as a PROJECT ENGINEER (Electrical System & Automation) – MELLCON ENGINEERS PVT. LTD. OKHALA PHASE-1, NEW DELHI.

JOB RESPONSABILITY - Electrical Design & ENGINEERING, Automation (ELECTRICAL & INSTRUMENTATION DESIGN, AUTOMATION system Engineering & Design), Control Panel Design and wiring, Power Panel Design and Selection & Sizing of its Equipment and calculations, Field Instrument Design, PREPARATION OF machine operational WRITE-UP (Logic), PLC and Drive (for motor control) Selection & Programming, Panel Testing (Continuity, HV/IR, SEQUENCE & other Tests), PLANT TESTING (HIGH CAPACITY DRYER, CHILLER, CO2 PLANT, N2 PLANT & H2 GAS PLANT-FOR POWER PLANT & REFINARIES).

COMPANY PROFILE - MANUFACTURER of High Capacity CHILLERS, DRYERS & REFRIGERATION EQUIPMENTS, N₂, O₂, H₂ and CO₂ Gas PLANTS AND THEIR CONTROL, Console, POWER & AUTOMATION PANELS (PLC, HMI & SCADA Based) for Power Plant & Refineries.

TIME PERIOD – APRIL 2012 to MAY 2014

- **ELECTRICAL DESIGN ENGINEER (Trainee) – TRAINING & PROJECT Work on Power System Design (SELECTION & SIZING OF ELECTRICAL EQUIPMENTS) and Calculations, Preparation of SLD, PROTECTION and CONTROL Schematics, Switchgear Design (LT & HT), Worked on ETAP, CGLUX, LUXICON, AutoCAD Software, INDOOR AND OUTDOOR LIGHTING DESIGNING CALCULATION, LUX LEVEL CALCULATION - SMARTBRAINS ENGINEERS & TECHNOLOGIES PVT. LTD. GHAZIABAD.**

TIME PERIOD-JAN 2012 to APRIL 2012

- **Worked AS AN AUTOMATION ENGINEER – ELECTRICAL (PLC PROGRAMMING and Wiring, DRIVES Programming, COMMUNICATION OF PLC WITH SCADA, PANEL DESIGNING-SELECTION & SIZING OF PANEL EQUIPMENT, HMI, Development of Automation system & PREPARATION OF BOM SHEET) – CORONET ENGINEERS PVT.LTD.NEW DELHI.**

TIME PERIOD - JUNE 2010 to DECEMBER 2011

SITE VISITED: NTPC, Vallure for Commissioning, POWER GRID Indore for Commissioning, GNFC Gujarat for Commissioning, ADITYA BIRLA NUVO Gujarat for Commissioning, TATA POWER Kutch Gujarat for Commissioning

- **SALARY EXPECTED: NEGOTIABLE**

COMPUTER SKILLS

languages	<i>C, C++(Basics) and Basic Knowledge of DBMS</i>
Office Packages	<i>MS Office, & WINDOWS (Win XP, Win Vista & Win 7)</i>

EDUCATIONAL CREDENTIALS

B. Tech (Electrical and Electronics Engineering) -2010

Uttar Pradesh Technical University (Lord Krishna C.E.,Ghaziabad), **63.72%**

Class 12th - 2002

RR Inter College Hardoi, **55.20%**

Class 10th - 2000

SNS Inter College Hardoi, **57.33%**

TECHNICAL SKILLS

- Preparation of Single Line Diagrams, Load List.
- Transformer Sizing Calculations.
- Generator Calculations.
- Battery and Battery Charger Sizing Calculations.
- Cable Sizing.
- Exposure to System studies e.g. - Load Flow, Short Circuit, Motor Starting on **ETAP**.
- Earthing Calculations.

- Power Factor Correction Equipment Sizing.
- Selection of circuit breakers and transformers.
- Substation Engineering.
- Knowledge of PLC, DRIVES, SCADA, PANEL DESIGNING & HMI
- Instrumentation Design, Field Wiring, Machine Logic Preparation.
- Refrigeration system sizing calculation
- Refrigeration, Dryer, CO2, N2, H2 Plant Testing
- Knowledge of **ZUKEN - E3 SERIES Software**.
- Knowledge of Communication Network Architecture for DCS.
- Knowledge of HVDC SYSTEM and it's Layout

TRAININGS

Undertaken:

➤ 1

Completed a summer training in **Bharat Heavy Electrical Limited Haridwar** based on the topic **Computer Numeric Control**

➤ 2

One Month Training from **Electricity Training Institute, UPPCL, Lucknow** based on the Topic **Protection And Control of Power System & Distribution of Electrical Power**

SOFTWARE SKILLS

ETAP, ZUKEN'S "E3" SERIES SOFTWARE, LUXICON, AUTOMATION SOFTWARE, CONTROCAD-ALSPA SOFTWARE, AUTOCAD ELECTRICAL 2012

PERSONAL DOSSIER

Date of Birth: 27th April 1986

Father's Name: Mr. R.A. GUPTA (Occupation- Govt. College Lecturer)

Sex: Male

Marital Status: Married

Nationality: Indian

Permanent/Mailing Address: H.NO.-100, Near Foolmati Mandir, GokhleNagar, Madhoganj, Hardoi (U.P.)-241302

Language Known: English, Hindi & Awadhi

Hobbies: Cooking Luscious Food, Dancing & Travelling

DECLARATION

I declare that the information and facts stated above are true and correct to the best of my knowledge and belief.

Date :

Place :

Signature

[UMAKANT]