

Name: Mukundaraj Karki

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❖ Career Objective

To succeed in an environment of growth and excellence and earn a job which provides me job satisfaction and self-development and help me achieve personal as well as organization goals. I am seeking a challenging assignment and responsibility with all my technical expertise and practical in-depth engineering knowledge, with an opportunity for growth and career advancement as successful achievements.

❖ Industrial Training

Internship at **Teesta low dam III, Rambh, West Bengal, India**

❖ Technical Proficiency :

- **Programming Language** : Basics of C & JAVA
- **Databases** :MS word, MS PowerPoint, MS Excel
- **OS Platforms**: Windows 2000/XP/7/8/8.1/10
- **Software**: AutoCAD in Electrical and Electronics, DCIM Tool Trellis Professional, Schneider StructureWare Building Operation, WIN-PAK, Milestone, Nuvoscan , Chiller Plant Management (CPM), CentreScape (RF Code).

❖ Conference and Workshops

- Attended “**TECHNOTHON III - National HR Conclave (2014)**” in S.I.E.M.
- Attended seminar on “**entrepreneurship awareness camp**” in S.I.E.M.
- Attended seminar on “Fuzzy Logic” in S.I.E.M.
- AutoCAD in Electrical certified by CADD centre India.
- An Emerson India (Now Vertiv) certified DCIM Engineer.

❖ Personal Achievements and Awards

- Organized college Technical Fest “Dernier Cri” as well Social Fest “Alacrity” Twice.
- Winners in interschool Football tournament.
- Received Best player in football tournament in both school level and in college.
- Winners of departmental football in college
- Runners up in table tennis competition at college.
- Rewarded as “The Best Athlete” in School.

❖ Academic Qualifications

Qualification	Year of Completion	Name of Institution	Board/ University	DGPA/ Percentage
B.Tech (Electrical)	2017	Surendra Institute Of Engineering and Management Siliguri West Bengal	MAKAUT (Previously Known as West Bengal university of Technology)	7.59
XII	2013	Don Bosco School Malbassey West Sikkim	CISCE	65
X	2011	St.Joseph's School Martam East Sikkim	CISCE	78

❖ Professional Experience

Name of the Organization	Time period	Role	Site
Gaseb construction Pvt Ltd. Phuentsholing Bhutan.	August 2017- August 2018	Trainee Engineer	Phuentsholing Welfare Development
Sterling and Wilson Pvt Ltd	September 2018- May 2020	IBMS & DCIM Engineer	Bhamashah State Data Centre, Jaipur, Rajasthan.

❖ Job Profile

- Responsible to arrange the team for loop checking, pre-commissioning and commissioning activities and troubleshooting of all field devices like sensors, actuators and control elements.
- Managing and allocating the teams for field erection, cable lying, instruments installation, termination jobs etc.
- Graphic designing of various facility devices like DG, UPS, VRV/VRF, Solar, motor pumps to implement on the BMS software.
- MODBUS integration of facility devices with the controller to show its health status and real time readings on the software.
- Devices communication through MODBUS and BACnet protocols.
- Creating Trends, Alarm & Reports of various points of various devices.
- Calibration of level sensors with respect to various tanks.
- Executing of different IBMS systems like Fire Alarm, CCTV, WLD, FLD, Access control system, PA system, VESDA, BMS.
- Creating logics and applying on to the software for the system to work under logical commands.

- Installation of IP CCTV camera and its commissioning.
- Installation of IPDU on the racks and its power distribution.
- Maintaining proper document of the materials used at the site and its progress report to be submitted to the concerned people.
- Good communication skills, teamwork, dedication and committed to delivery and timelines.
- Handling the projects with commissioning activities.
- Explaining the clients about the products and guiding them on how to operate the system.
- Operating HVAC systems like TFA, VRV/VRF, PAC and Chillers both manually and through software.
- Hard and Soft integration of various devices like UPS, PAHU, Electrical Panel, Fans, Energy Meter, Diesel Generator, Breakers, etc.
- Knowledge on power distribution from GSS to IPDU.
- Knowledge on UPS, Transformers and Diesel Generators, Breakers.
- Asset (Devices) management like adding, removing of both IT and facility on the DCIM software.
- Load distribution in order to calculate PUE level on the DCIM software.
- Coordination with various Site Stakeholders for solving the site Problems.

❖ **Systems Known**

- Public Addressing System – BOSCH
- Access Control System-Honeywell
- CCTV-Milestone
- BMS- Schneider Electric StruxureWare
- Vesda- Xtralis
- UVSS - Vehant technologies
- Fire Alarm System – Siemens
- NOVEC Gas – Seimens
- CPM - Johnson Controls
- DCIM -Vertiv (previously known as Emerson India)
- RF CODE –Centrescape

❖ **Projects**

- Phuentsholing Welfare Development – Trainee Engineer (Phuentsholing Bhutan)
- Bhamashah State Data center – Commissioning Engineer (Jaipur, Rajasthan)
 - ❑ Installation of DDC panels, configuring controllers to the software and its wiring.
 - ❑ Installation of IP Camera and assigning it to the server.
 - ❑ Laying of cables in the HT & LT panels, Isolation Transformer, Purge fans, Motors, UPS for its hard and soft points.
 - ❑ Installation of devices like sensors, actuators, relay etc in the field.

- ❑ Configuring Real time data through MODBUS, BACnet and also transferring data to the software required.
- ❑ Graphic designing for the Building Workstation.
- ❑ Commissioning of the BMS systems as required by the client.
- ❑ Participated in Data Center TIER IV certification by UPTIME INSTITUTE, in commissioning of BMS systems, monitoring the systems and maintained proper reports and documented.

❖ **Area of Interest**

- Sports
- Travelling
- Meeting up new peoples
- Automation
- Facing new challenges
- Learning new things

❖ **Personal Strengths**

- Highly organized, responsible and dedicated with a positive attitude.
- Have good written, oral and interpersonal communication skills
- Good grasping skills, self – motivated, energetic and eager to learn
- Ability to adjust myself in any kind of environment
- Good leadership quality and believe in teamwork
- An avid sportsman in most of the outdoor sports activities
- An eager learner with interest in quizzical programmes

❖ **Personal Details**

- **Date of Birth** : 29 November 1994
- **Language** : English, Hindi, Nepali, Bengali (Understandable)
- **Nationality** : Indian
- **Hobbies** : Playing football, Playing Table Tennis, Watching football, Hiking, Listening Music, Video Gaming.
- **Preferred Work Location** : No Bar
- **Permanent Address** : Roadline Dalsingpara G.P. 735208 Alipurduar, West Bengal.

❖ **Declaration**

- ❖ I solemnly declare that all the details furnished above are correct according to the best of my knowledge and ensure complete adherence to every association from your side.

DATE:

MUKUNDARAJ KARKI

