**Arockia Juslin Deepan**

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OBJECTIVE

Seeking a position as **Project Engineer** with a reputed organization where I can contribute and utilize my knowledge & skills for mutual growth.

PROFESSIONAL SUMMARY

* 7+ years of experience as Electrical Engineer in UAE & India.
* Possess valid UAE driving licence
* Registered member in Society of engineering
* Through expertise in projects- electrical engineering, installation of conduits, cables etc.
* Organized knowledge in project coordination, proposal submission, BOQ, RFIs, PCRs
* Have thorough knowledge on MEP electrical installation
* Possess analytic knowledge on Architecture and Electrical design
* Have well organised knowledge in Facility Management, high rise building facility and maintenance operation, system and equipment’s maintenance.
* Possess the enough knowledge in HV maintenance & Operations @ 11KV Substation
* Have good knowledge about the LV panels erection @ 11kV Substation
* Hold a Bachelor of Engineering (BE) in electrical & Electronics.
* Hold a Diploma in AutoCAD.
* Self-motivated, comfortable in taking initiative and working independently.
* Can work under pressure and meet deadlines.
* Excellent communication skills in English, Hindi, Tamil& Malayalam.

PROFESSIONAL EXPERIENCE

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| **Project Handled** | |
| **PV PROJECTS** |  |
| PV Bridges and shooters, 4.3 MWp | KAME, Makkah, Saudi Arabia |
| **CONSTRUCTION** |  |
| Mataf lighting & Shamiyah Expansion | KAME, Makkah, Saudi Arabia |
| LV 11 KV substation ( ATS & LV Panel Installation) | Power tech, Chennai, India |
| **FACILITY AND MAINTENANCE** |  |
| 18 Storied x 2, high rise tower | Damac Properties, Business bay, Dubai |
| 30 storied high rise tower (Manchester tower) | Dubai Marina, Dubai |
| 10 storied commercial tower ( Al khor plaza) | Bin Tamim, Al khor, Dubai |
| 40 Storied high rise tower, O2 residence | Open eye, JLT , Dubai |
| G+2 x 18 Building , Jwin Staff Accomodation | IDAMA, Muhaisna-2, Dubai |
| 10 Storied x 2 commercial tower | CBRE, Chennai, India |

**Current Position: Project engineer- Electrical**

**Employer : Premier composite technology (DIP-2, Dubai)**

**Tenure : February-2015 to still working**

**Responsibilities:**

* Monitor compliance to applicable codes, practices, QA/QC policies, performance standards and specifications.
* Interact daily with the clients to interpret their needs and requirements and represent them in the field.
* Review tender package, plans/drawings to make sure accuracy, completeness and conduct site inspection, check matching tenders.
* Compare the electrical/architectural project plans design whether matching with tender specs, prior to the site installation.
* Coordinate site works include cable pulling, installing conduits, installation of boxes, monitor electrical panel erection.
* Perform overall quality control of the work schedule, plans, and report regularly on project status.
* Cooperate and communicate effectively with project managers and other project participants to provide assistance and technical support.
* Planning to find out solution for unexpected errors as they occur in the site.
* Analyse the design and material proposals, matching to the international standards
* Prepare project technical proposals and coordinate approvals and permits, prior to installation at the site, make sure the standards followed
* Make clarification to the comments on the material submission to the consultants
* Raise RFIs for the unclear task in the projects and make sure, all norms followed based on tender specs
* Coordinate with sub-contractors and supplier for the right type of materials, which match international standards and tender specs
* Attending technical &MEP meeting discussing the progressive of the project architecture and electrical design.
* Creating the Bill of Quantities (BOQ)
* Raise the project change request (PCR) if necessary
* Schedule meeting with supplier to discuss about the material’s quality and supply
* Pre checking installation electrical luminaires in the factory

**Position held: MEP / Facility Engineer**

**Employer : Palmon Group of companies (Jabel Ali, Dubai)**

**Tenure : January 2013 to January 2015**

**Responsibilities:**

* Attending technical & progress review meetings with client/consultant to discuss about the project progress and bottleneck, if any.
* Prepare the project proposal analysing the equipment’s and loads and man power calculating for the successful operation
* Able to demonstrate skills and knowledge in installation and servicing MEP assets and mechanical equipment.
* Interpreting HVAC, Electrical, Plumbing, Mechanical, BMS and Electronics system, and replacing faulty operational and safety control systems and spare parts.
* Planning to Troubleshoot day today building operations, engineering and systems and equipment maintenance, total MEP operation.
* Verify the load schedule and alter that as per the (Future load) requirements, following DEWA codes and regulation for the new installation on the existing system.
* Monitor job sites, one time projects assuring safety measures following the risk assessment and the method of statement, technical data.
* Interact/work well with tenants, professional staff, vendors, subcontractors, laborers, craft persons and other workers to carry out daily maintenance in the buildings
* Ensure that contractor understands the contract documents including drawings / specs, phase plans, MEP systems interrelationships, workflow & schedule
* Coordinate with consultant on reviews for shop drawings, MEP related designs, HVAC, Fire Alarm / Fighting & provide solution options
* Perform the tasks of preparing reports on daily activities, work progress, weekly, monthly facility management, accidents and material report
* Ensure MEP Subcontractors adhere with relevant Quality records /regulations including safety
* Monitor & report MEP work progress
* Review drawings submitted by main contractor & verify bill of quantities
* Review contractor monthly progress valuation of MEP work prior to invoicing
* Verify contractor valuation invoices

**Position held: Shift Engineer-Electrical**

**Employer** :CBRE -Goms Electrical Company, India

**Tenure**  : November 2011– October 2012

**Responsibilities**:

* Troubleshooting in maintenance of electrical systems which include Diesel Generators(2250KVA & 1010KVA), Transformers(2000KVA two no’s at 11KV/105A 433V/2667A substation), LV & HV switch gears VFD, UPS & lighting control in high rise building
* Daily, weekly and monthly maintenance on Generators including, performing PPM on scheduled basis
* B Check performance on Generator on every 300 hours running basis
* Semi synchronizing of multi diesel generator in the time of power failure
* Trial run on DG operation and performance on daily basis
* Transformer monitoring and maintenance on daily and monthly schedules
* VCB monitoring and performance analysis on daily basis and maintenance in schedules hours
* Trouble shooting the break downs in lighting control circuits
* PPM on switch gears and HV & LV equipment’s based on scheduled hours
* UPS and Inverter operation monitoring and maintenance
* Duties will be at the Tower handling the day to day problems and looking after the maintenance staff detailed at the tower MEP/ Electrical, sewage treatment plant.
* Troubleshooting problems related to Electrical and Electronic Equipment
* Identifying areas of obstruction/breakdowns and taking steps to rectify the equipment’s.
* Trial run on firefighting engines on every week
* Submitting monthly/ weekly/ daily preventive and reactive maintenance report
* RO plant monitoring and maintenance

**Position held : Site Engineer**

**Employer** : Power tech Pvt ltd, India

**Tenure**  : September 2010– August 2011

**Responsibilities**:

* Analyse the architecture design drawing and planning the installation
* Studying the DWG and explaining the co-workers for the erection of the panels
* Monitor the installation team for the proper erection of LV Panels
* Quality check after the installation of LV panels
* Torque test for the bus bars in the LV panels
* Cable termination in the LV panels as per the technical data

ACADEMIC QUALIFICATION

* Bachelor of Engineering (B.E) with first class in Electrical & Electronics from Anna University, India(August 2006-April 2010)

TECHNICAL SKILLS

* Electrical Circuits
* Circuit Breakers
* Induction Motors
* Motor Starters

**Technical Proficiency**

* **DCADD – AutoCAD**
* Smart sheet application, Box application
* Microsoft office 2003, 2007 & 2010 open office
* Power point & Photo Shop

Personal Details

Date of Birth, Age : 20th October 1985

Nationality : Indian

Civil Status : Married

Visa Status : Employment Visa

Language Known : English, Hindi, Tamil, Malayalam