**SUSHANT**

(PGDBA Operations)

(Bachelors in Mechanical Engineering)

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**Summary**

* Railway Operations professional with 7 years of experience in three fields of railway operations i.e. **Operation control center, train driving, Station operations.**
* **Certified**SeniorCentral Control Operator of **BOMBARDIER CITYFLO 650** Communication Based Train Control **CBTC** system.
* Active participation in **Testing & Commissioning** of Operationcontrol centre for Dubai airport Automated People Mover.
* Coordination with Subcontractors, stakeholders, other third parties and internal parties for **Permit to work** application for testing or other activities.
* Coordinating and ensuring EHS compliance of the Subcontractor installation work by not affecting T&C work.
* A detailed understanding of the aspects of railway technologies that influence operations and infrastructure, including CBTC, rolling stock systems, stations and network infrastructure.
* Hands-on experience in Rolling stock maintenance, station and other interfacing equipment’s.
* Active participation in preparing Operations related SOP’s, emergency procedures.
* Providing training of central control operations.
* Post graduate in **Operations management** and Bachelors in **Mechanical Engineering**.
* Overall work experience of more than7.5 years.
* Well versed with**railway safety and operations.**
* Experienced with different kind of operational emergency situations, incident handling and positively making decisions adhering all safety rules.

**Professional Experience**

**Bombardier Transportation Holding.** **From March 2015 till date.**

**Designation: Operations & maintenance technician.**

**Profile: Senior Central control Operator (OCC Controller)**

Roles &responsibilities: Control & Monitoring of TRAFFIC CONTROL, DEPOT (OMSF) CONTROL, TRACTION POWER CONTROL, through ATS (Automatic train supervision) and SCADA(Supervisory Control and Data Acquisition). For Automated people mover, Dubai airport.

* Monitoring and controlling Automatic train movements for Passengers between Terminal 1 and Concourse D at Dubai International Airports, Terminal 1.
* Coordinating with Maintenance team and providing scheduled trains on time for maintenance during Engineering/Off peak hours.
* Preparing the trains by doing Pre departure test as per defined procedure before inducting in passenger service.
* Training new OCC controllers and preparing them to be certified for OCC.
* Carried out Testing & Commissioning of Operation control centre by following the test procedures, making sure all safety measures are in place for the testing.
* Providing Permit to work in T&C phase for Third party contractors and test team, in compliance with EHS measures and make sure all the activities carried out smoothly.
* Implementing Permit to work in O&M phase, during engineering hours on stations, wayside and Maintenance storage facilities (MSF) with complete adherence to safety and PTW procedure.
* Responsible of first intervention in case of any emergency, and take all the necessary decisions, in coordination with shift supervisor.
* Coordination with different stakeholders like Airport operation control center, Airport duty manager, Airport police and Station staff about changes in plans.
* Feed electrical power for third rail on mainline and in Depot as per request of maintenance personnel.
* Keeping records of all the activities in shift, and reporting them to higher management.
* Making incident report of any incident in shift and reporting them to higher management.
* Preparing availability report of the day and sending to higher management and clients.

**Other learning’s as an Operation & Maintenance technician.**

* Hands on practice of Train (vehicle) maintenance.
* Carry outway side equipment maintenance like platform screen doors, guide way switches etc. along with maintenance team.
* Hands on experience in corrective maintenance activity for rolling stock, station and guide way equipment’s.
* Manual switching of 750 V dc track power and shop power in maintenance facility
* Familiarization with different systems of train and wayside equipment’s.

**Training & Certifications with Bombardier:**

* Certifiedseniorcentral control operator of BOMBARDIER CITYFLO 650.
* 750 V dc power manual switching.
* First aid training.

**Metro one operations Pvt. Ltd. Mumbai (A joint venture of Veolia transport, France & Reliance infrastructure, India)**

**From October 2011 to February 2015**

**Profile: Station controller / Train pilot**

**Station Controller (July 2013 to February 2015)**

* Managing the operation of Metro station individually.
* Creating and cultivating relationships with third party contractors, other station staff and higher authorities for safe and smooth working of metro station.
* Experience in Controlled area working, PTW and Safety Practices
* Helping in trial runs of trains by Setting the route manually (by manual point operation)
* Helping OCC in T&C by being a one point contact between OCC and third party contractors working at station.
* Coordinating and ensuring EHS compliance of the Subcontractor installation work at metro station by not affecting T&C work by OCC and test team.
* Giving safety briefing for safe working at station to all station and third party employees.
* Monitoring all the systems installed at station via Building Management System(BMS) like HVAC, Lift, Escalator, DG set, Pump room etc.
* Conversant with systems like CCTV, FACP, PA, PIDS, ATS
* Effective crowd management, handling evacuation in controlled/uncontrolled situations, taking first intervention in case of any incident.
* Prompt reporting of faults/incidents/accidents to OCC and managers via Radio communication using phonetic language and updating it to SAP.
* Liaison with local authorities, like Police, Ambulance and Fire Brigade to tackle situation which requires their intervention.
* Ensuring the safety of Passengers, Employees and any third party persons on station.

**As an Station controller undergone through following training:**

* Building management system (BMS)
* Firefighting training.
* First Aid training.
* OTIS lift training (Third Party)
* Automatic train supervision (ATS)
* Station specific training.
* Passenger information system.
* SOP’s related to working on stations (Normal, Emergency, Degraded)
* Phonetic language and Radio communication.

**Train Pilot (October 2011 – July 2013)**

* Theoretical knowledge of Train driving from the experienced staff of DMRC (Delhi Metro Rail Corporation)
* Driving Metro train for testing purpose.
* Simulator training of train driving.
* Well versed with General Rules of Metro systems.
* Well versed about modern CATC system (i.e. Siemens LZB 700)
* Knowledge of ATP (Automatic train protection), ATO (Automatic train operation)
* Training of Diesel loco driving.
* SOP’s of train working/train pilot duties (Normal, Emergency, Degraded)

**Mahindra & Mahindra Automotive sector, Engine plant, Igatpuri.**

**Profile: Graduate Apprentice trainee, (February 2011 to September 2011)**

* As working with Mahindra & Mahindra, I have worked in carrying out **TPM** (Total Productive Maintenance) activities and **JH** (JishuHozen) activities in whole manufacturing plant.
* Installing TPM training lab for operators.
* Conducting weekly and monthly review meetings.
* Training the operators about the basic engineering concepts.

**ACADEMIC PROFILE:**

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| --- | --- | --- | --- | --- |
| **Exam** | **Specialization** | **University/**  **Institute** | **Year of Passing** | **Class / Grade** |
| Post graduate diploma in business administration (Distance learning) | Operations | Symbiosis | 2017 | A grade |
| Bachelor of Engineering | Mechanical | Mumbai | May 2010 | First class |
| Diploma | Mechanical | MSBTE | April 2006 | Second class |
| Secondary school certificate |  | Mumbai | Mar 2003 | First Class |

**B.E. Project:** A.C. Helmet.

**DESCRIPTION:**

A.C. (Air Cooled) Helmet works on the principal of PELTIER EFFECT, and it is operated with the help of Peltier Module.

**Diploma Project:** Turbocharger on 2-Stroke engine

**Computer Skills:**MS-Office

**PERSONAL PARTICULARS**

**Date of Birth :** 4th October 1987

**Marital Status :** Married

**Gender :** Male

**Nationality :** Indian

**Languages known :** Fluent inEnglish, Marathi & Hindi

**DECLARATION**

I hereby declare that the above-mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.