**Dharmendra Sher**

Mobile: +91 89649 25403

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**PROFESSIONAL PROFILE:**

Technically accomplished professional with about 3+ years of rich cross functional experience with expertise on Django and Angular 8 open source frameworks.

* ⮚ Working on large scale enterprise web Applications.
* ⮚ Expertise on open source frameworks Django and Angular 8.
* ⮚ Understanding of design model and hands on experience on development of UML diagrams and application code.
* ⮚ Worked on Layered and MVT Architecture.
* ⮚ Hands-on experience on ML (Numpy, Pandas, Matplotlib, KNN, OpenCV, Regression)
* ⮚ Followed Agile methodology

**IT SKILL SETS:**

Technical Competencies in following areas

• Operating Systems Windows, Ubuntu

• Programming Languages Python, SQL

• Presentation layer HTML, Angular 8

• Data Access Layer PDBC, Django

• Database MySQL 8.x, Sqlite

• Frame Work Angular 8, Django

• Other Tools Visual Studio Code, PyCharm, Git, Postman, SQLiteStudio, MySQL Workbench.

**Educational Qualifications:**

* ● BBA form Vikram University Ujjain, in 2016 with 66.71%.
* ● 12th(MP Board) from Govt Higher Secondary Excellence School, Madhav Nagar, Ujjain in 2013 with 65.8% aggregate.
* ● 10th(MP Board) from Govt High School, Nalwa Ujjain in 2011 with 68.33% aggregate.

**Work Experience:**

* ● Worked as Software Engineer in NCS Pvt. Ltd from January 2020 to till date

**Projects Undertaken:**

**[1] TIMS**

Environment : Python, Django, Angular 8.

Role &Responsibility : Code Development and Unit Testing

Team Size : 10

Duration : August 2021 to Till Date

**Brief description of the project:**

The TIMS application serves as an enterprise web application utilized by Telecom Infra Providers (GTL), Telecom Operators (Airtel, Vodafone, etc.), and Operation & Management (O&M) agencies. Its purpose is to provide real-time online status updates for Telecom Towers (Sites).

These towers have hardware devices installed, such as AMF Panels, AC, Diesel generators, Battery Banks, etc., which operate continuously, 24/7. These devices are connected to a server through a Model using GPRS connectivity. Every minute, the devices send their status to the server in string format. The Packet Gateway at the server parses this string and stores the real-time hardware status in the database.

Based on this data, the SMS application generates alarms, Comparative, and Analytical reports. This application enables GTL to centrally monitor and control thousands of sites from centralized locations.

**[2] PMBM  ( Preventive Maintenance Breakdown maintenance )**

Environment : Python, Django, Angular 8.

Role & Responsibility : Code Development and Unit Testing

Team Size : 5

Duration : January 2020 to July 2021

**Brief description of the project:**

Oil and Gas: Exploration, production, and refining facilities in the oil and gas industry have complex machinery and equipment that need preventive and breakdown maintenance to ensure safe and efficient operations.

Telecommunications: Telecom networks, including towers, cables, and communication equipment, rely on preventive and breakdown maintenance practices to maintain reliable connectivity and service.

Telecom operators manage a network of roof and ground towers known as "sites." These sites are equipped with various hardware components such as Diesel Generators, Battery Banks, Aviation Lamps, AC units, and Antennas. Regular maintenance is required for these hardware items, which is handled by Operation and Maintenance (O&M) agencies. The maintenance activities are scheduled at daily, weekly, fortnightly, and monthly intervals, known as preventive maintenance, and are automated by the system.

The system maintains information about each site, including site inventory and the schedule for preventive maintenance of the installed hardware. After completing the scheduled preventive maintenance, relevant activities and notes are recorded in the system.

In the event of complaints or issues, the system provides a ticketing system. Tickets are opened, resolved, and closed according to the designated schedule and Service Level Agreement (SLA). This ensures proper management of breakdown maintenance, which involves restoring broken machines to a working order. When a breakdown maintenance ticket is opened in the system, a unique complaint number is generated, capturing details such as site ID, date, time, complaint type, and specific areas of concern (such as DG, AC, AVR, General, etc.).

**PERSONAL DETAILS:**

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| **Name** | Dharmendra Sher |
| **Date of Birth** | 8th May 1996 |
| **Contact no.** | +91 89649 25403 |
| **Address** | 240, Bajran Colony, Panwasa, Maxi Road, Ujjain, MP |
| **Gender** | Male |
| **Marital Status** | Unmarried |
| **Nationality** | Indian |

**Date:** \_\_\_\_\_\_\_\_\_ **Signature:**

Dharmendra Sher