Mandar Tannu

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EDUCATION

PG-Diploma in Big Data Analytics
CDAC Pune
2024 – 2025 | Pune, India
Percentage- 74.25

Information Technology
Pune University
2015 – 2020 | Pune, India
CGPA- 6.77

TECHNICAL SKILLS

Programming Language
Python, Java

Big Data Processing Framework
PySpark, Hadoop

Database/Query Language
MySQL, SQL

Visualization Tool
Tableau

Cloud Platform
AWS

Operating System
Windows, Linux

Testing & Version Control
Selenium WebDriver, Jira, Git, GitHub

CERTIFICATES

- CDAC Certification in Big Data Analytics
- ISTQB Certified
- SDET (Software Development Engineer in Test)

PROFILE

- **Experienced QA professional** with nearly **2 years of expertise** in test automation, defect identification, and software quality assurance.
- Transitioning into **Big Data Analytics**, utilizing strong skills in **Python, SQL, Apache Spark, Hadoop, Tableau, and Cloud technologies**.
- Hands-on experience in **data preprocessing, data analysis, and visualization** to derive meaningful insights.
- Passionate about solving data-driven problems, enhancing decision-making, and optimizing workflows.

PROFESSIONAL EXPERIENCE

Quality Analyst – Digital Convergence Technologies, Pune
11/2021 – 09/2023 | Pune, India
Client: Veeps – A U.S.-based online streaming platform for live concerts.
Tech Stack - Java, Selenium WebDriver, Maven, Jira, Git, GitHub

- Developed and maintained **automated test scripts** using Java and Selenium WebDriver (POM model).
- Conducted **automated regression testing** to ensure product stability across multiple releases.
- Handled version control using **Git and GitHub**, ensuring seamless collaboration among teams.
- Identified, logged, and tracked defects in **Jira**, collaborating with developers for efficient resolution.
- Assisted in **test planning** and **automation strategy**, ensuring comprehensive test coverage.

CDAC ACADEMIC PROJECT

Movie Recommendation System
2025 | Pune, India
Technologies: Python, PySpark, Machine Learning, Tableau

- Developed a **content-based movie recommendation system** using **SBERT embeddings** to suggest movies based on **titles, genres, language, overviews, and credits**.
- Preprocessed the **IMDB dataset (722K+ entries)** by handling missing values, feature engineering, and normalizing numerical features.
- Used **SBERT (all-MiniLM-L6-v2) + KNN with Cosine Similarity** for accurate recommendations.
- Handled **data processing** efficiently using PySpark and built a Streamlit UI for real-time recommendations with TMDB API poster fetching.