

TUSHAR KHANDELWAL

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Education

Shri Ramdeobaba College of Engineering and Management

Bachelor of Technology, Electronics

2021 - 2025

Nagpur, Maharashtra

Technical Skills

- **Languages:** Python, C, SQL
- **Frameworks:** Streamlit, Flask, FastAPI
- **Libraries:** Pandas, NumPy, Plotly, Matplotlib
- **Databases:** PostgreSQL, Supabase
- **Dev Tools:** VS Code, Git, GitHub, Gitlab
- **Soft skills:** Problem-solving, Analytical thinking, Self-learning, Team collaboration

Projects

Business Analytics Dashboard | Python, Streamlit, Pandas, plotly, PostgreSQL (Supabase)

April 2025

- Developed a **full-stack** Business Analytics Dashboard using **Python**, **Streamlit**, and **Pandas** for real-time **KPI** reporting.
- Integrated Supabase **PostgreSQL**, enabling **cloud**-based data storage and retrieval with **100%** reliability.
- Automated **data processing** and **visualization** using Plotly, reducing manual analysis time by **80%**.
- Enabled CSV uploads, **Excel** report exports, and seamless **cloud** sync—boosting data accessibility by **90%**.

Crypto Futures Trading Bot | Python, Binance Futures API, WebSockets, Pandas

Mar 2025

- Built an automated **crypto** trading bot using **Python**, Binance **Futures API**, and **WebSockets**, enabling real-time trade execution.
- Optimized data processing with **Pandas** and **NumPy**, reducing decision latency by 70% .
- Automated trade logic, **risk management**, and position sizing for **efficient**, **scalable** algorithmic trading.

Custom Object Detection - Manhole Detection | Python, OpenCV, TensorFlow, and YOLO

Jan 2025

- Developed an IoT-based Manhole Monitoring System using **Deep Learning** for object detection.
- Utilized Python, OpenCV, **TensorFlow**, and YOLO for image processing and detection.
- Contributed to data preprocessing, model training, and evaluation, improving detection efficiency by **20%**.

Experience

Data Analyst - Freelance

May 2024 - Nov 2024

Local Retail Business

Nagpur

- **Description:** Analyzed 6 months of sales data using **SQL** and **Excel**, identifying underperforming SKUs and seasonal trends.
- **Technologies Used:** **Python** for scripting and automation, **SQL** for querying and managing sales data, **Excel** for organizing and analyzing raw data, **PowerBI** for building interactive dashboards.
- **Responsibilities:** Spearheaded analysis of six months of sales data using **SQL** and Python to identify underperforming SKUs and seasonal trends, presenting key findings to optimize inventory management.
- **Outcome:** Delivered data-driven insights that led to a **15%** increase in quarterly revenue by guiding stakeholders through strategic, evidence-based **business decisions**.

Certifications

Databases and SQL for Data Science with Python | IBM, Coursera

Nov 2024

Databases for Developers: Foundations | Dev Gym, Oracle

Mar 2024

Python Basics for Data Science | IBM, edx

Dec 2023