Om Thakur

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SUMMARY

Detail-oriented Data Scientist and Full Stack Developer with hands-on experience in machine learning, data analysis, and full-stack development. Skilled in Python, SQL, and modern web technologies such as React, TypeScript, and Supabase. Proven ability to design and implement scalable solutions across both frontend and backend. Eager to apply diverse technical skills to deliver impactful data-driven solutions.

EXPERIENCE

Backend Developer

Art Of Living **August 2024 - Present, Banglore**

- Developed RESTful APIs using Python and Supabase, contributing to efficient backend processes.
- Managed data migration and performed database administration using MySQL and phpMyAdmin.
- Created and implemented complex SQL triggers for database automation, improving data consistency and
- integrity.
- Worked on frontend integration using React, TypeScript, and JavaScript, ensuring seamless user experience
- across the stack.

University Assistant Professor

bhimrao pradhan college shahapur **June 2024 - August 2024, Shahapur , Maharashtra**

- Taught Database Management, Python, and AI courses to B.Sc. IT students, fostering a hands-on learning environment.
- Developed course materials and supervised student projects to enhance practical skills and understanding of key concepts.

PROJECTS

Salary Prediction

Personal Project · github.com/MonsterFlick/Salary-Prediction · December 2023 – December 2023

- Created a regression model that predicts employee salaries based on existing HR data, aiding companies in workforce planning.

IPL Auction Data Analysis

Personal Project (PostgreSQL) · github.com/MonsterFlick/IPL-AUCTION · December 2023 – December 2023

- Analyzed historical IPL auction data to advise a new franchise on creating a balanced team. Main responsibilities:
- Processed and cleaned large datasets using PostgreSQL to derive key insights.
- Built a data model to predict optimal player combinations based on historical performances and team dynamics.

RainFall Prediction

Personal Project (Python, Machine Learning) · github.com/MonsterFlick/Rain-prediction · November 2023 – November 2023

- Developed a machine learning model utilizing various classification algorithms to predict rainfall patterns. Leveraged Python's Scikit-learn library for data processing and model creation.

TheBikeHaven Dashboard

Personal Project (Tableau) · github.com/MonsterFlick/IPL-AUCTION · October 2023 – October 2023

- Built a dynamic and interactive sales dashboard using Tableau to visualize the performance of The Bike Haven's sales data. Key contributions include:
- *1. Transformed raw data into actionable insights through advanced Tableau visualizations.*
- *2.Created intuitive dashboards that allowed the client to track and measure sales performance metrics in real-time.*

EDUCATION

Bachelor of Science (B.Sc), Information Technology

Mumbai University · Shahapur, Maharashtra · 2024 · 8.55

CERTIFICATIONS

Data Science - Machine Learning

Internshala · 2023

INVOLVEMENT

NSS Programme Officer (PO)

bhimrao pradhan college shahapur · Mumbai university · June 2024 – August 2024

- Led tree plantation initiatives and organized student enrollment for the AIDS Free Marathon, promoting environmental sustainability and health awareness.
- Engaged students in community service projects, fostering social responsibility and active participation.

Information Technology Department Representative

Sonubhau Baswant College Of Arts And Commerce · Mumbai University · August 2021 - March 2024
 · Assisted students in resolving IT-related issues and provided support for technical challenges.
 · Managed and organized workshops on various IT topics, enhancing students' technical skills and knowledge.

Student Project Head

Sonubhau Baswant College Of Arts And Commerce · Mumbai University · August 2021 - March 2024
 · Led and coordinated student projects, overseeing all phases from conceptualization to execution.
 · Facilitated teamwork and communication among students, ensuring project objectives were met on time and to a high standard.

SKILLS

Programming Languages: *Python, JavaScript, TypeScript*

Web Technologies: *React, Supabase, Git*

Databases: *PostgreSQL, MySQL, SQL, phpMyAdmin*

Data Science: *Machine Learning, NumPy, Pandas, Scikit-learn*

Visualization: *Tableau, MS Excel, PowerPoint*