

Varun Kalyan

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SUMMARY

With a keen eye for product innovation and a passion for solving complex problems, I thrive in the role of a data scientist. I'm a T-Shaped professional with expertise in databases, machine learning, and NLP, complemented by my strong Product acumen.

3 years of experience, 5+ major projects delivered and notable impact created.

WORK EXPERIENCE

Data Scientist

June 2022 – Present

Trice Neighborhood App

Hyderabad

- Trice Tales is a highly appreciated application to monitor KPIs and visualize business data with refresh rate to the second. Includes a dedicated reporting page to view and download reports, which reduced manual report generation efforts by 95%.
- A Semantic search engine, deployed on primary customer-facing e-commerce, embraced by over 60,000 users for querying products, dishes & services. Fine-tuned with regional Telugu and Hindi data, allowing users to query in their local languages.
- Devised a system to empower partners to accurately price dishes, driving their sales and ensuring affordability to users. Addresses issues of lost potential purchases and prevents chefs from overestimating their margins.
- Delivered SWOT analysis, RCA meetings and ad-hoc reports to support decision-making processes across cross-functional teams on numerous occasions
- **Other notable Works:** Mailing system, User Seasonality, User-base Segmentation, Sentiment Analysis and Web Scraping.

Data Science Consultant

Oct 2022 – Feb 2023

Infinity Learn

Hyderabad

- Doubt Recommendation Engine, collaborated to build an OCR application to search through a pool of 8 lakh questions. My primary focus involved in enhancing the accuracy of the engine, significantly increasing it from 60% to 95%
- Integrated LLMs using Fast API and fine-tuned it with Question Bank data to provide tailored assistance for a student-facing Chat Bot.

PL/SQL & Oracle Apex Developer

Aug 2021 – May 2022

Jesperapps

Hosur

- Developed PL/SQL packages to automate user data validation and streamline processes, significantly eliminating the need for manual entry of records.
- Ideated the most optimal ER diagram & Data Flows to cater client requirements, developed SQL scripts to create Tables, Triggers & Sequences
- Built an Oracle Apex application from scratch integrating data flows & accommodating UI needs.

EDUCATION

CMR Institute of Technology

Bachelors in Technology - Computer Science

Hyderabad

June 2021

TECHNICAL SKILLS & CERTIFICATIONS

Data Science: Statistics, Natural Language Processing, Machine Learning, Deep Learning, Transformers

Programming: R, Python (Pandas, TensorFlow, Fast API, Flask, Streamlit, Web scraping)

Databases: Elasticsearch, MySQL, PostgreSQL, Oracle SQL, PL/SQL

Tools: Advanced Excel, Cron Jobs, AWS, Git, Power Bi, Jira, Notion, Oracle Apex, Microsoft Stack, Google Stack

Certifications: Python for Data Science, Mathematics-basics to advanced for Data Science & GenAI, Complete Machine Learning NLP bootcamp MLOPS & Deployment