




Saurabh Singh

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Experience

- | | | | |
|---|---------------------------------------|---------------|--------------------------|
| Analyst/ML Engineer | <u>Dectwin Enterprise Ltd.</u> | Remote | 04/2023 - 09/2023 |
| <ul style="list-style-type: none">Led the design and development of multiple enterprise-level microservice applications of Commerce Experience Group, driving ₹150 Thousands of revenue every quarter of year using the latest technologies of Flutter, dart, TensorFlow Lite, whatsapp APIs.Designed and implemented scalable APIs and background workers for managing analysis and reports forming for the Sales, Purchase, Expenses while increasing report efficiency by 60%.Enhanced software speed, surpassing existing solutions, and expanded functionality for improved user experience. | | | |
| TensorFlow Developer | <u>ZTM Academy</u> | Remote | 08/2021 - 01/2012 |
| <ul style="list-style-type: none">Create a Skimlit model of RTC papers consisting of 200k labeled Randomized Control Trial (RTC) abstracts with better accuracy.Designed and developed violence activity detection by using technologies such as Python, Deep learning, Flask Html, CSS.Used a CNN neural network and LSTM to Design, implement, test, deploy and maintain a model for multi-classification of 101 Food Items with greater accuracy than 89%. | | | |

Projects

- | | | |
|---|--|--------------------------|
|  <u>Deployment Link.</u> | <u>Sales Data Analysis</u> | 11/2023 - 11/2023 |
| <ul style="list-style-type: none">Used complex parameters to drill down in worksheet and customization using filters and slicers.Created connections, joined new tables, calculations to manipulate data and enabled user driven parameters for visualizations.Used different types of customized visualization (bar charts, pie chart, donut chart, clustered bar chart etc). | | |
|  <u>Deployment Link.</u> | <u>eCommerce Sales Analysis</u> | 09/2022 - 10/2022 |
| <ul style="list-style-type: none">Engineered an intuitive PowerBI dashboard, transforming raw eCommerce sales data into visually compelling insights, driving a 20% improvement in decision-making efficiency.Identified and monitored key performance indicators (KPIs), uncovering trends and patterns critical for driving a 10% improvement in operational efficiency and overall business success.Unearthed actionable insights from eCommerce sales data, enabling stakeholders to implement targeted strategies that led to a 12% increase in sales performance. | | |
|  <u>Deployment Link.</u> | <u>Custom GPT Q&A Bot</u> | 08/2023 - 09/2023 |
| <ul style="list-style-type: none">Construct a customized GPT model for targeted user domain, optimizing responses to yield results that boast a 40% increase in accuracy.This AI harnesses the power of the LLaMA model, bolstering its reliability and outperforming GPT 3 by a fraction of its size.This model achieves an impressive 75% accuracy in TriviaQA, exceeding the performance of conventional models. | | |

Skills

- Python | SQL | NoSQL | Flask | Data Analysis | Tableau | Power BI | MS Excel | MSSQL | Git | Databricks | Supervised Learning | Clustering
- Un Supervised Learning | Ensemble | CI/CD | OOP | NLP | Decision Trees | Dashboarding | NumPy | Pandas | Scikit-Learn | TensorFlow
- AWS EC2 | MIFlow | MLOps | Seaborn | HuggingFace | Scipy | Statistics | CNN | Machine Learning | Large Language Model (LLM).

Education

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|---|-------------------------------|--------------------------|--------------------------|
| Bachelor of Technology | <u>RGPV University</u> | Bhopal, MP, India | 08/2019 - 06/2023 |
| <ul style="list-style-type: none">Major in Computer Science & Engineering | | | |

Certifications

- Data Analytics & Science by Pierian Data
- TensorFlow Developer by ZTM Academy

SoftSkills

- Problem Solving • Teamwork abilities • Ability to work effectively • Excellent Communication

Interests

- LLM's • ML • MLOps • Data Analysis

Others

- Became finalist in the Smart India Hackathon - 22 for the Violence Activity Detection Model (Runner Up). (2022)
- Played Regional Level Football Under-14 and Under-17 and Won the [Golden Boot For Most Goal Scorer in Under-14](#) (2014)