
Omkar Kadam

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Pune, Maharashtra

Summary

Results-driven yet Innovative IT professional with strong Problem-Solving, interpersonal, communication skills with analytical mindset, thriving in fast-paced collaborative environments. Offers 3 years of experience in developing NLP, LLM and machine learning solutions for finance and HR domains. Expertise includes end-to-end analytical solution design, automated data pre-processing and Tableau dashboard development, utilizing algorithms, deep learning and natural language processing.

Skills

Tableau, Python, Machine Learning, Clustering, Classification techniques, Linear Regression and Forecasting models, Natural Language Processing, Docker, Advanced Analytics, Statistics, critical Thinking, nosql, SQL, git, Azure, Databases, GCP, Communication skills, Microsoft excel, Langchain, LLM, Openai, Computer Vision, CNN

Experience

Product Owner

FreeLancer • Pune, Maharashtra

10/2023 - Present

- Responsible for end-to-end Designing and development of a product.
- The product is built as a solution for smart recruitment solution.
- Skills: Python, Gemini ai, prompt engineering, Flask, MongoDB, Single shot prompting.

Data Analyst (Product Development)

ZingHR • Pune, Maharashtra

03/2022 - 10/2023

- Spearheaded a Resume Parser project, saving costs and generating revenue. I navigated resource constraints, designed architecture, and delivered a product now used by 750+ clients globally.
- Responsible for Deployment by designing API using Flask and updating the services on docker.
- Integrated OpenAI with the the existing platform for Parsing resume which helped improved accuracy percentage from 65% to 90%.
- Proposed an NLP based solution to identify duplicate JIRA ticket further finetuned an LLM model to resolve the frequent issues.
- Skills used: Text ranking algorithm, entity recognition, Bert, Word2vec, Gensim, Semantic Analysis, OpenAI, Python, Spacy, BERT, NER, AI, Machine Learning, Elastic-search, MongoDB, Flask, API, and Docker, llm.

Data Scientist

iLink Systems • Pune, Maharashtra

08/2021 - 02/2022

PepsiCo

- Collaborated with a team of 3 to Develop and Deploy Machine learning model using various Clustering Techniques, Regression Models and XGBoost.
- Utilized DataBricks for Data Transformation and H2o.ai for Model Tuning and Optimization.
- Created a comprehensive simulated system showcasing the entire workflow, skillfully implemented using Flask and Chart.js.
- Responsible for Framework shifting (PyTorch to TensorFlow)

Data Analyst

ZS Associates • Pune, Maharashtra

03/2021 - 07/2021

- Responsible for Gathering new requirements for introducing a new module in the existing SAP system.
- Performing the feasibility check and communicating the client requirements effectively to the developers.
- Performing unit testing on the developed module and documenting the performance analysis.

Data Science Consultant

Naviya Technology • Pune, Maharashtra

09/2020 - 04/2021

- Responsible for designing end-to-end analytical solution for the existing organizational workflow for better Decision making.
 - Introduced Tableau software to the company and helped them setup and implemented end to end POC to the decision makers.
 - Developed a Customized chart plugin as per the business requirement using d3.js for tableau
 - Analyze, cleanse and transform data using Python and SQL in-line with business requirements.
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Education

Msc (Data Science and Big Data Analytics)

MIT World Peace University • Pune, Maharashtra

06/2021

- Published Research Paper in *International Journal of Engineering Research & Technology*.
 - Member of Board of Studies – School of Computer Science and Mathematics
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Projects

ChatPDF:

- LLM based chat application developed for the purpose of chatting with your pdf files, irrespective of the size of the document.

Smart Shop Manager:

- This application was developed for a retail store for employees without any tech background.
- This application has a chatbot like UI, developed on Streamlit which creates and executes SQL query in the backend

Intelligent Potato Plant Disease Detection:

- Mitigate economic losses for farmers by implementing a CNN-based image classification system. Developed a user-friendly mobile app enabling farmers to capture potato plant images for instant disease diagnosis.
 - TensorFlow, CNN, Data Augmentation, TensorFlow Datasets, TensorFlow Serving, FastAPI, Quantization, TensorFlow Lite.
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Additional Profiles

Publication:

Title : "A modern approach towards stocks Prediction over Traditional Methods" [Link](#)

Tableau Profile:

Tableau Public Profile : [Link](#)

GitHub: [Link](#) LinkedIn : [Link](#). Credly: [Link](#)

Languages

English, Hindi, Marathi (Marāṭhī)

Certifications

Google Cloud Big Data and Machine Learning Fundamentals - Google Cloud Platform.

Scalable Machine Learning on Big Data using Apache Spark - IBM

Business Statistics and Analysis Specialization - Rice University