

Kshitij Chaudhari

Data Scientist - Generative AI



Personal details



Kshitij Chaudhari



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Mumbai



Male

Skills

- Python
- SQL
- Machine Learning
- Generative AI
- Large Language Models (LLM)
- Natural Language Processing (NLP)
- Retrieval Augmented Generation - RAG
- Conversational ChatBot
- Tensorflow
- Power Automate
- Power Virtual Agents (PVA - Microsoft Co-Pilot)
- AWS

Profile Summary

Passionate Data Scientist with 2+ Years of experience committed to exploring new ideas and pushing the boundaries of AI technology to make a meaningful impact. I possess solid expertise in utilizing Large Language Models (LLMs) for Natural Language Processing (NLP) and generative AI tasks. I am skilled in developing and deploying RAG based chatbot and conversational AI systems, with strong proficiency in Python.

I am seeking a challenging role to integrate AI solutions into existing platforms, leveraging my skills in conceptual approach creation, technical analysis, development, unit testing, deployment, and support activities.

Employment

Associate Data Scientist

May 2023 - Present

Blenheim Chalcot, Andheri, Mumbai

- Developed a Retrieval-Augmented Generation (RAG) application using GenAI models with a strong understanding of deep learning fundamentals for a QnA chatbot, leveraging an existing knowledge base to provide accurate and relevant answers by integrating Prompt-Engineering-RAG retrieval and generation techniques, significantly improving user experience with precise responses.
- Utilized Power Automate and Power Virtual Agents (PVA) to create a Teams chatbot with diverse functionalities for PRF and monitor employee performance, extending its reach to users in the Outlook environment.
- Worked on NLP projects involving video to audio to text conversion, image processing, and text generation Experience in NLP, NLU, NLG & experience in AWS cloud.
- Collaborated with foreign stakeholders, provided tailored technical solutions based on business requirements & worked with cross-functional teams to seamlessly integrate AI solutions into existing platforms in a dynamic environment.
- Demonstrated exceptional team management, strong analytical and problem solving skills, ensuring timely delivery of projects that met quality standards.

Skills : Power Automate, Power Virtual Agents, LLM, Artificial Intelligence, Transformers, BERT, Langchain, ChatGPT, llamaindex, AWS Cloud, Bard, Llama (1/2/3), Hugging Face, NLTK, Spacy, TensorFlow, OpenAI embeddings , Semantic Chunking, Embedding techniques, Vector Databases, Amazon Bedrock, Query Retrieval, NLP Techniques, Prompt Engineering Tools.

Data Science Trainee

Apr 2022 - Apr 2023

AlmaBetter, Bengaluru, Karnataka

- Learned and applied skills in Feature Engineering, EDA, PowerBI, Tableau, and Machine Learning. Programming skills in Python.
- Strong working knowledge of Python's Object Oriented programming, numerical, data analysis, or AI frameworks such as NumPy, Pandas, Matplotlib, Plotly, Seaborn, NLTK, Scikit-learn, Jupyter Notebook.
- Secured a place in the top 5% of students in the cohort of 400 students and worked as an SME.

Skills : Supervised ML, UnSupervised ML, Classification, Logistic Regressor, KNN, Decision Trees, Random Forest, RMSE, Rsquare, Clustering, SQL, PowerBI.

Soft Skills

- Communication Skills
- Problem-Solving
- Collaboration
- Critical Thinking
- Adaptability
- Attention to Detail

Director/Co-Founder

Dec 2020 - Apr 2023

JobCandi Pvt.Ltd, Bhandup,Mumbai

- Identified new business opportunities and developed new client relationships, managing relationships with candidates and other stakeholders. Managed the recruitment process from start to finish, including advertising job vacancies, screening candidates, conducting interviews, and negotiating job offers.
- Successfully addressed and resolved issues that arose in the course of business operations, resulting in positive outcomes for clients and the business.

Business Development Strategist

Aug 2018 - Aug 2022

Student's Academy, Bhandup/Airoli/Ghatkopar , Mumbai

- Formulated and successfully executed effective business strategies and determined key performance indicators (KPIs) aimed at increasing enrollment. Boosted student admissions and overall development to achieve business growth.
- Maintained strong relationships with key stakeholders, including students, parents, and faculty. Teaching experience of over 9+ years in Mathematics (Statistics) and Physics for HSC and Engineering Students.

Education

B.E in Computer Science & Engineering

Sep 2012 - Jun 2015

Yadavrao Tasgaonkar College of Engineering & Management

Master of Technology (M.Tech) in Artificial; Intelligence & Data Science Engineering

Jul 2023 - Present

Indian Institute of Technology (IIT), Patna