

ANIRUDDHA SANGULE

AI/ML Engineer / Data Scientist / Python Developer
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Summary

I am a dedicated and passionate technology enthusiast with a background in computer applications. My experience spans multiple projects in AI, machine learning, and cloud computing, where I have developed innovative applications like chatbots and web apps. I'm continuously seeking to learn and grow in the tech landscape, leveraging my skills to deliver impactful solutions.

Education

Centre for Development of Advanced Computing	
Diploma in Big Data Analysis and Machine Learning, Pune, Maharashtra, India	09/2024 - 02/2025
Shivaji University Kolhapur	
Master of Computer Applications, Kolhapur, Maharashtra, India	11/2022 - 03/2024
PAH Solapur University, Solapur	
Bachelor of Science, Computer Science, Solapur, Maharashtra, India	07/2019 - 03/2022

Key Achievements

 SUK Info Bot Developed a university-specific chatbot using Google Cloud Vertex AI, providing real-time information to users with accurate data retrieval	 Recipe Recommendation System Created a Recipe Recommendation System web app achieving 80% accuracy in suggesting recipes based on available ingredients, leveraging AWS Cloud	 Sentiment Analysis Conducted sentiment analysis using a big data solution with PySpark and Kafka, visualized insights in Power BI for effective brand assessment
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Skills

Programming Languages: Python • Java • Kotlin • HTML • CSS

Operating Systems: Windows • Linux

Databases: MySQL • PostgreSQL • HBase • MongoDB

Frameworks: Flask • Django • Android Studio • Bootstrap • Airflow • Spark • PySpark • Kafka • Hadoop • Hive • TensorFlow • PyTorch • Scikit-learn

Platforms: AWS • Google Cloud Platform • Vertex AI • Databricks

Other: AI/ML • Gen AI • LLMs

Projects

SUK Info Bot	04/2025 - 04/2025
Developed a chatbot leveraging Google Cloud Vertex AI for up-to-date responses <ul style="list-style-type: none">Developed a university-specific chatbot using a Large Language Model (LLM) to provide real-time information about Shivaji University.Leverages Retrieval-Augmented Generation (RAG) to fetch and deliver up-to-date details	
Nano GPT	02/2025 - 02/2025
Built a lightweight version of GPT (Nano GPT) using the Decoder Transformer architecture <ul style="list-style-type: none">Implemented Nano GPT by leveraging the transformer architecture, specifically focusing on the decoder architecture.Achieved a validation error of 0.97 on the 'All About Shakespeare' dataset.	

Projects

Sentiment Analysis

12/2025 - 12/2025

Performed sentiment analysis on social media data using a big data stack

- Developed a big data solution using PySpark, Kafka, and Zookeeper for sentiment analysis
- Managed workflow with Airflow and visualized insights in Power BI

News App

03/2024 - 03/2024

An Android app that helps users view and store news articles

- Developed an app to categorize news with the ability to save articles using a room database

Interests



Hobbies

Enjoy reading books, Swimming