

GOKULNATH S

B.E-ECE | DATA SCIENTIST



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ABOUT ME

I am a Data Scientist and AI enthusiast specializing in AI applications using Streamlit, Google Gemini AI, and TensorFlow. With expertise in NLP, deep learning, and sentiment analysis, I focus on real-world use cases like resume evaluation and video analytics. I excel in API integration, data preprocessing, and building interactive dashboards. My passion for leveraging AI to drive impactful business insights sets me apart in delivering user-friendly solutions.

EDUCATION

Bachelor of Engineering (B.E.)-ECE
KSR Institute for Engineering and Technology

📅 06/2020-05/2024

📍 Thiruchengode, Namakkal

Certification in Python and Artificial Intelligence
Qtree Technologies

📅 07/2024-12/2024

📍 Gandhipuram, Coimbatore

3. [Ai-Resume-Analyzer](#)

📅 10/2024 – 11/2024

This app analyzes resumes using Google Gemini AI, providing personalized feedback and comparing them with job descriptions. It highlights strengths, weaknesses, and offers suggestions for skill development and career growth

4. [YouTube-Analytics-Dashboard](#)

📅 11/2024 – 12/2024

This app analyzes YouTube videos by fetching video details, performing sentiment analysis on comments, and predicting engagement using a deep learning model. It gives insights into video performance and audience reactions in an intuitive dashboard.

SKILLS

[Python](#) [SQL](#) [Pandas](#) [Numpy](#) [Matplotlib](#)
[Seaborn](#) [Plotly](#) [Scikit-learn](#) [TensorFlow](#) [Keras](#)
[NLTK](#) [Flask](#) [BeautifulSoup](#) [Power BI](#) [GitHub](#)
[Data Generation](#) [Data Extraction](#) [Data Cleaning](#)
[Exploratory Data Analysis](#) [Feature Engineering](#)
[Feature Selection](#) [Data Visualization](#)
[Data Modeling](#) [Clustering & Classification](#)
[Quantitative Analysis](#) [Statistical Modeling](#)
[Model Validation](#) [Model Deployment](#) [CNN &](#)
[RNN](#) [LSTM](#) [Transformers](#) [Generative AI](#)
[Communication](#) [Problem-Solving](#)
[Time Management](#) [Microsoft Excel](#)
[Team Collaboration](#) [Adaptability](#)

PROJECTS

1. [Customer-Churn-Prediction-App](#)

📅 07/2024 – 08/2024

This app lets you upload customer data, cleans it, trains a machine learning model, and then predicts if a customer will leave (churn) based on their details. It's interactive and gives instant predictions to help businesses retain customers.

2. [Document-Genie-using-RAG-Framework](#)

📅 08/2024 – 09/2024

This app extracts content from uploaded PDFs, converts it into a searchable format, and uses Google AI to answer user queries based on the document. It ensures quick, accurate, and context-aware responses, making document insights easy to access.