

Deekshith N

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EDUCATION

M. S. Ramaiah University of Applied Sciences <i>Bachelor of Technology: AI & ML</i> Karnataka	2022 – 2026 Bengaluru,
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- GPA: 8.8/10.0

Jawahar Navodaya Vidyalaya <i>Major: +1 and +2</i> Karnataka	2020 – 2022 Chamarajanagar,
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- GPA: 8.3/10.0

PROJECTS

- **SGD Classifier**: Scraped 500+ startup websites to create a structured dataset for classifying into UN- SDGs. Built NLP pipeline using TF-IDF + LinearSVC and refined with distilBERT. Improved Jaccard Score by 7% using hybrid ML approach; visualized SDG trends using Seaborn. Helped identify impact- focused startups for sustainable investment analysis.
- **DocuQuery – AI-Powered Document Q&A Tool**: Developed a semantic search web app enabling users to query PDFs and documents using natural language. Combined document loaders, FAISS embeddings, and Phi-2 LLM for real-time contextual answers. Built with Flask, LangChain, and PyMuPDF, delivering a responsive and accurate user experience. Used by students and professionals to quickly extract insights from large documents.
- **YouTube Video Summarizer**: Developed Flask-based app using Phi-2 model for summarizing YouTube video content. Extracted and processed audio via yt-dlp, pydub, and Google Speech API. Designed responsive frontend using HTML, CSS, JS. Enabled quick content consumption for educational and research purposes.

CERTIFICATIONS, SKILLS, TECHNOLOGIES & INTERESTS

- **Certifications**: NPTEL: Programming in Python, Coursera: Machine Learning using Python, DBMS with SQL
- **Skills**: Python, Java, SQL, Machine Learning, Deep Learning, Communication, Data Visualization, Scikit- learn, Pandas, NumPy, Matplotlib, Seaborn, PyTorch, DSA
- **Technologies**: Git
- **Interests**: Data Science, Deep Learning, NLP, Statistical Modeling