

# Deekshith N

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## PROFESSIONAL SUMMARY

Motivated undergraduate with a strong foundation in Python, Java, SQL, and machine learning, passionate about data analytics, deep learning, and NLP. Seeking internships and entry-level roles to apply AI and data science to realworld challenges.

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## PROJECTS

### DocuQuery – AI-Powered Document Q&A Tool ([GitHub](#))

- 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. **SDG Classifier** ([GitHub](#))
- Scraped 5,500+ 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.

### YouTube Video Summarizer ([GitHub](#))

- 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.

### Weather Prediction System ([GitHub](#))

- Built multiple ML models (Logistic Regression, KNN, Decision Tree, SVM) for weather forecasting.
- Applied preprocessing and feature engineering; evaluated using accuracy, Jaccard index, F1-score, and log loss.
- Offered reliable short-term weather predictions using historical data patterns.

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## EDUCATION

### M. S. Ramaiah University of Applied Sciences — *B.Tech, AI & ML*

📍 Bengaluru, Karnataka | 2022–2026 | GPA: 8.85

### Jawahar Navodaya Vidyalaya — *+1 and +2*

📍 Chamarajanagar, Karnataka | 2020–2022 | Percentage: 83%

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## CERTIFICATIONS & SKILLS

Certifications:

- NPTEL: Programming in Python
  - Coursera: Machine Learning using Python, DBMS with SQL
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**Technical Skills:**

Python, Java, SQL, Machine Learning, Deep Learning, DSA, Communication, Data Visualization

**Frameworks & Tools:**

Scikit-learn, Pandas, NumPy, Matplotlib, Seaborn, PyTorch, MySQL Client, Git, Flask, REST, LangChain, FAISS

**Interests:**

Data Analytics, Deep Learning, NLP, Statistical Modeling