

# Anbarasan K

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## Professional Summary

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Passionate Data Science graduate student with hands-on experience in Python, SQL, and data visualization tools. Looking for a role where I can contribute to data analytics, model development, and business intelligence initiatives.

## Key Skills

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- Programming Languages: Python, SQL,R
- Web Development: Django, HTML, CSS, JavaScript
- Data Analysis & ML: Pandas, NumPy, Scikit-learn, Power BI,Tableau
- Database & Tools: MySQL, Git, VS Code,Google Colab
- Soft Skills: Problem Solving, Teamwork, Communication, Adaptability, Presentation Skills

## Education

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<b>Vellore Institute of Technology</b> , MSc in Data Science	Expected Graduation 2026
- CGPA: 8.2/10.0	
- <b>Coursework:</b> Machine Learning,Deep Learning,Natural Language Processing, Big Data Analytics, Data Visualization, Advanced Python Programming	
<b>PSG College of Arts &amp; Science</b> , B.Sc. in Computer Science with Data Analytics	August 2021 - May 2024
- CGPA: 8.3/10.0	
- <b>Coursework:</b> Data Structures & Algorithms, Database Management Systems, Python & R Programming, Statistics & Probability, Web Development	

## Projects

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### Text to SQL

- Developing a chatbot that converts natural language input into SQL queries to retrieve database information.
- Tools Used: Python, ChatGPT API,Django (backend), NLTK & spaCy (NLP), Pandas

### Travel Recommendation System

Github-link

- Developed a web application that recommends tourist destinations based on user preferences, allows hotel bookings, and displays attractions in selected locations.
- Tools Used: Python,Django(Backend),HTML,CSS,JavaScript,ML model,ETL

### Heart Attack Risk Prediction

Github-link

- Developed a machine learning model to predict heart attack risk based on patient health data, improving early detection accuracy.
- Tools Used: Python, Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn,Data Science

## Certifications

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### Complete Django Web Development Course

GeeksforGeeks,2025

### Data Base Management System

## **Leadership & Extracurricular Activities**

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**Coordinator for event Dataverse**

**Content Creator, Google Developer Club**

**Leader, Poster Making Team, TechnoVIT**