## CONTACT

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🌐 **Location:**
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🌐 **Websites, Profiles, Portfolios:**
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https://leetcode.com/u/Navyasri12355/
https://github.com/Navyasri12355

## SOFT SKILLS

- Teamwork
- Time Management
- Leadership
- Effective Communication
- Critical Thinking

## TECH SKILLS

- Languages: Python, R, C, SQL
- Machine Learning and AI: TensorFlow, PyTorch, Scikit-Learn, NumPy, Matplotlib, Pandas, NLP, DNNs, CNNs
- Embedded Systems: Jetson nano, Raspberry Pi, ESP8266, Arduino Uno
- Containerization, MLOps and Cloud: Docker, Kubeflow, MLflow, Prefect, Apache Airflow, Evidently AI

## EXTRACURRICULAR ACTIVITIES

Developer at Frequency Club, RVCE

Junior Associate at DHI Club, RVCE

Member of Project Jatayu

# NAVYASRI PULIPATI
## ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING STUDENT

## PROFILE

A motivated and detailed Artificial Intelligence and Machine Learning student passionate about machine learning and computer vision. Seeking opportunities to apply my knowledge in real-world applications and contribute towards the development of AI for the betterment of society.

## EDUCATION

**3rd Year (current), Bachelor of Engineering in Artificial Intelligence and Machine Learning**
R.V. College of Engineering, Bangalore
*CGPA:* 9.33 / 10

## PROJECTS

**Ayurvedic–Allopathic Decision Support System**

Developed an AI-powered system that connects allopathic medicine with Ayurvedic treatments, offering medicine mapping, disease-based recommendations, and safety analysis for informed integrative care.

**AI Business Assistant**

Developed an AI-powered business management platform for small enterprises with financial tracking, marketing insights, and a conversational assistant.

**Agentic Emergency Triage System**

Developed an autonomous, agentic AI-based triage platform designed for resource-limited emergency settings in India which dynamically assesses patient severity, predicts resource demand (beds, oxygen, ventilators), and allocates care efficiently.

**Crop Demand Forecasting Model**

Developed a machine learning-based crop demand prediction model to forecast market needs and optimize agricultural planning, incorporating factors like price and weather.

**Energy Efficiency Prediction Model**

Developed an ML model to predict building energy efficiency ratings using key features like energy consumption, renewable energy usage, and occupancy, and integrated a chatbot for user interaction.

**AI-Powered Voice Command for PCs**

Developed a voice-activated system for hands-free computer control, utilizing speech recognition and NLP to interpret and execute similar commands efficiently.

**Emotional Support Chatbot**

Developed a real-time emotional support chatbot using Dialogflow CX, leveraging NLU to recognize emotional cues and provide empathetic responses.

## WORK EXPERIENCE

- **Internship in Anthrasync Solutions Private Limited**

**Time Period:** 3 months
**Field of work:** AI Research and Development
**Description:** Developed core AI agents for the company's agentic AI platform, including a Translation Agent, Summarizer Agent, and Internet Resource Finder Agent - driving improvements in multilingual communication, content summarization, and intelligent information retrieval.

- **Internship in Xtelify Limited (Airtel Digital)**

**Time Period:** 6 months
**Field of work:** AI Research and Development
**Description:** Currently developing an agentic AI system for autonomous telecom capacity management, using a multi-agent framework (predictive, optimization, anomaly-detection, and orchestrator agents) to enable real-time, adaptive, and predictive resource allocation.

## ACHIEVEMENTS AND HACKATHONS

- **Advanced to the semi-finals in the DSU TechFlix Hackathon**
- **Participated in RVCE Gen AI Hackathon**
- **Participated in Smart India Hackathon**

## COURSES AND CERTIFICATIONS

- **Certification in Data Science for Engineers by NPTEL with a grade of Elite + Gold - 90%**
  - **Certificate**
- **Certification in Machine Learning by DeepLearning.AI and Stanford University**
  - **Certificate Credential**
- **Certification in Advanced Learning Algorithms by DeepLearning.AI and Stanford University**
  - **Certificate Credential**
- **Certification in Supervised Machine Learning: Regression and Classification by DeepLearning.AI and Stanford University**
  - **Certificate Credential**
- **Certification by Google Cloud - Explore Generative AI with the Gemini API in Vertex AI**
  - **Certificate Credential**
- **Certification by Google Cloud - Integrate Vertex AI Search and Conversation into Voice and Chat Apps**
  - **Certificate Credential**
- **Certification by Google Cloud - Text Prompt Engineering Techniques**
  - **Certificate Credential**
- **Certification by Google Cloud - Develop GenAI Apps with Gemini and Streamlit**
  - **Certificate Credential**
- **Certification by Google Cloud - Build deterministic Virtual Agent enhanced with data stores**
  - **Certificate Credential**