RAPHEL PAMEDIPAGA

✉ pamedipagaraphel@gmail.com   📞 +91 9963080920

</> Portfolio   in LinkedIn

</> CodeForces   🐞 LeetCode

Education

B.Tech in Computer Science (AIML), VNRVJIET	**CGPA: 8.95**
2023 – Present	
Intermediate FIITJEE Jr. College	**95.5%**
2021 – 2023	
Class X, HAL High School	**96.0%**
2020 – 2021	

Technical Skills

- **Programming & Scripting:** Python, JavaScript, C++, Java, R,
- **Full-Stack Development:** React.js, Node.js, Express.js, Flask, Firebase, REST APIs
- **Tools & Technologies:** Git, MongoDB, SQLite, Tableau, Figma, TensorFlow, Hugging Face, Linux

Achievements

- **HAL Merit Scholar** for academic excellence.
- Finalist in **Designathon**, recognized for design thinking.
- Competed in **Smart India Hackathon** and
- Competed in **National Winter Coding Contest**.
- Certified in **Tableau** and **MERN Stack Development**.

Experience

- **Intern - Hindustan Aeronautics Limited**
  June 2025 – Present
  - Built a Flask-based web app to track tester jig components, detect shortages, and automate launch readiness with Telegram alerts and an AI chatbot.
  - Developed an AI-powered PDF search model to retrieve specific data from large sets of technical documents and folders.

Soft Skills

Leadership	Public Speaking
Versatility	Responsibility
Critical Thinking	Teamwork

Roles and Responsibilities

- **Event Management—AIML CLUB:** Led planning and execution of a national-level hackathon, handling logistics and judge coordination.
- **Member - Stentorian (Literary Club):** Participated in debates and speaking events to strengthen communication.

Projects

- **Voice of Customer**: Developed an AI-powered call analysis system with speech-to-text conversion and sentiment analysis, providing insights for customer service improvements and support.
  Tech: Python, Flask, Hugging Face Transformers, soundfile, librosa, JavaScript
- **Real-Time Train Tracking Web Application**: Designed a web system for live train tracking with API integration, a Python backend, and an interactive JavaScript frontend.
  Tech: MongoDB, Express.js, React.js, Node.js, API integration
- **Osaka - Your Cooking Chatbot**: Created a chatbot for recipe recommendations and interactive conversations with an intuitive interface.
  Tech: JavaScript, ReactJS, Gemini API
- **Portfolio Website**: Built a personal portfolio website showcasing skills, projects, and contact details with a minimalist design.
  Tech: HTML, CSS, JavaScript
- **LifeStory Curator**: Developed a smart diary enabling users to chronologically store journal entries with voice-to-text and image uploads. Leveraged AI from Hugging Face Transformers to generate personalized narratives from user-selected date ranges, ensuring data persistence via SQLite
  Tech: Python (Flask, SQLite, SoundFile, Librosa, Transformers), HTML5, CSS3, JavaScript
- **StrideSense**: AI- powered load management system for young athletes to preven overtraining and injury. analysis of growth stage and degradation of the body and personalized recovery suggestions
  Tech: React,Firebase,Python,TensorFlow,Gemini, D3.js,FitBit SDKs.