

# Pranava Pai N

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## Education

**St. Aloysius Pre University College, Mangalore**  
Class 12

March 2022 – April 2023

- Percentage : 95.17%

**Sahyadri College of Engineering and Management, Mangalore**  
B.E in Computer Science and Engineering

Sept 2023 – Present

- CGPA: 9.79 (till 5th Sem)

## Experience

**Full Stack Developer Intern FlocCare**

Office Jan 2026 – Present

- Developing intelligent machine learning models for early detection and analysis of Rheumatoid Arthritis
- Contributing to the end-to-end development of FlocCare and FloccHealth platforms, including backend APIs and frontend features

**Technical Lead GDG Sahyadri**

October 2025 – Present

- Led technical planning and execution of GDG workshops, events, and community learning initiatives
- Built real-time projects leveraging Google Cloud Platform (GCP) services and modern web technologies

**Python Development Intern Cognifyz Technologies**

Apr 2025 – May 2025

- Designed and implemented a web scraping application using Python, BeautifulSoup, and Flask
- Developed a FastAPI-based book management system with RESTful APIs and database integration

## Projects

**ArogyaPath - An Ayurvedic platform**

[Website ↗](#)

- Designed and developed a health recommendation platform integrating Ayurvedic principles through Prakrithi (body constitution) analysis and an AI-Based Query Search for post-filtering
- Tools Used: Python, Tensorflow, XGBoost, FastAPI

**Let's Code - AI-Powered Code Editor and Interactive Learning Platform**

[Website ↗](#)

- A Distraction Free Platform to practice DSA Problems with specialized test mode and AI-Assistant to help find the right approach, streak system and enhanced user experience
- Tools Used: React, NodeJS, MongoDB, Express, OAuth

**AI-Driven Overspeeding Detection**

[Github ↗](#)

- An AI-powered system for detecting overspeeding vehicles that identifies vehicles in a video, detects their speed, and marks license plates, highlighting those exceeding the maximum speed limit
- Tools Used: YOLOv8, OpenCV, React, Flask

## Tools and Technologies

**Tech Stack:** C, C++, Java, Python, HTML5, CSS3, Javascript, MySQL, MERN Stack, FastAPI, Flask, Scikit-Learn

**Technologies:** Git, Github, Firebase, Postman, OpenCV, Azure, AWS