



# Naveen Panthangi

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## SUMMARY

As a highly motivated and detail-oriented professional, I have strong problem-solving skills and experience in Flutter, Firebase, and Python. Passionate about app development and machine learning, I strive to create innovative solutions and grow in a dynamic environment.

## EDUCATION

**Sri Chandrasekharendra Saraswathi Viswa Mahavidyalaya | B. E. (Computer Science Engineering)**

Aggregate (CGPA): 8.24 (4-1)

*Expected in June 2025*

**Resonance Junior College | Intermediate**

Aggregate (%): 88.4

*2021*

**Nirmal Hridai High School | 10<sup>th</sup> Class**

Aggregate (GPA): 9.8

*2019*

## INTERNSHIP & PROJECTS

**Intern – SCSVMV University Manuscript Department.**

- **Designed and Developing a Task Management App:** Working on a task assignment and management application using Flutter in Android Studio for the university library, which enables the admin to assign and manage tasks to the scrappers for image acquisition.
- **Streamlined Image Acquisition Process:** The application includes the features for scrappers to capture and upload high-quality images of palm leaves, using the camera on their own mobile phone to enhance the library's digital collection and accessibility.
- **Real-time Task Monitoring:** It can provide real-time updates and notifications for task status, enabling scrappers to receive immediate feedback and instructions, and allowing the admin to monitor progress and ensure completion as per the assigned deadline.

**Project 1 – Community Chat Application for University Students (Ongoing)**

- Designing and implementing a comprehensive community chat application for SCSVMV University, featuring private chats, private groups, and public groups, to enhance communication and engagement within the university community.
- Integrated multimedia functionality, allowing users to send images, documents, and other media, with features to react and reply to images, enhancing interactivity and user engagement within the app.
- Implemented secure login and authentication mechanisms using Firebase Authentication, protecting user accounts, and ensuring only authorized access to the application.

**Project 2 – Facial Recognition System for Criminal Identification**

- Developed a comprehensive face recognition system utilizing the Face Recognition library and OpenCV, effectively combining machine learning and computer vision techniques to accurately identify criminals in images.
- Implemented a user-friendly graphical interface using Tkinter, enabling seamless image selection and interaction, enhancing the usability and accessibility of the system.
- Created a robust face repository with encoded faces and implemented an efficient classification function that compares unknown face encodings to known ones, ensuring accurate identification and clear visual representation with labels and rectangles.

## SKILLS

### Certifications

- [Responsive Web Design Using HTML and CSS.](#)
- [Foundational C# with Microsoft.](#)
- [LinkedIn Learning certification in Data Science Foundations: Fundamentals.](#)
- [Forge certification on Cyber Security Global Virtual Internship.](#)

### Technical Skills

- Programming Languages: Python, C++, Java
- App Development: C# - .NET, Dart – Flutter
- Operating Systems: Windows, Ubuntu

### Interpersonal Skills:

- Conflict Resolution Skills: Capable of resolving disagreements and maintaining harmonious relationships.
- Positive Attitude and Enthusiasm: Maintains a positive outlook and enthusiasm, contributing to a motivating environment.
- Empathetic and Supportive: Demonstrates understanding and provides support to colleagues, promoting a positive workplace atmosphere.

## DECLARATION

I hereby declare that all the above-mentioned particulars I filled in are correct and true to the best of my knowledge and belief.