

Subramanya

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“Sri Devi Kripa”, Po :Kaup, Udupi, Karnataka, India, 576106



SUMMARY

An Artificial Intelligence and Machine Learning student with hands-on experience in web and app development through internships and projects. Currently interning at a startup, gaining practical exposure to real-world software development processes. Strongly interested in emerging technologies in Machine Learning, seeking a software engineering position to further enhance professional and domain skills while contributing effectively to the organization's success.

EDUCATION

Bachelor of Engineering – Artificial Intelligence and Machine Learning	2021-2025	CGPA:8.75
Mangalore Institute of Technology & Engineering ,Moodbidri		
Senior Secondary (12th) - Poornaprajna Pre-University College, Udupi	2019-2021	Percentage:89%
Secondary School (SSLC) – S.V.H English Medium High School, Innanje	2018-2019	Percentage:88%

SKILLS

Languages	: Java, Python, C.
Interface	: HTML, CSS.
Database	: SQL, MongoDB
Tools	: VS code, Jupyter, PyCharm, Android Studio, GitHub , XAMPP

INTERNSHIPS

Niveus Solutions Android App Developer	October 2023 – November 2023
Project : Grievance Management Mobile Application	
Role : Mobile App Developer	
Technologies : Node.js, Java, Express Framework	
Gained experience in back-end development using Node.js and Express.js, and learned about Firebase databases. I also worked on application modernization and gained extensive knowledge in this area. This app was designed for common people to register complaints on issues such as water and electricity.	
Accolade Tech Solutions Flutter App Developer	February 2025 – Present
Project : Undisclosed (under NDA)	
Role : Flutter App Developer	
Technologies : Flutter, PHP, MySQL	
Worked as a Flutter developer on three major government client-based projects. Although project details are confidential due to a signed NDA, I was actively involved in full-stack mobile application development using Flutter for the frontend and PHP with MySQL for the backend. Gained hands-on experience in government-grade app development workflows, client communication, and maintaining data integrity and security standards.	

PROJECTS

Heatwave Analysis and Prediction

June 2024 – August 2024

Technologies : Python, TensorFlow, Keras, pandas, numpy, scikit-learn, matplotlib

Role : Machine Learning Developer

Developed and implemented a Long Short-Term Memory (LSTM) model to analyze and predict heatwave occurrences based on temperature and humidity data. Responsible for data preprocessing, programming, model training, and evaluation. The project aimed to enhance predictive accuracy and provide actionable insights into extreme weather events.

Virtual Try-On Using Augmented Reality

September 2024 – January 2024

Technologies : Python, Flask, PoseNet, MoveNet, OpenCV, MongoDB, HTML, CSS

Role : Machine Learning Developer

Built a web-based Virtual Try-On system that allows users to upload their images and try on outfits virtually using pose estimation. Integrated PoseNet and MoveNet with OpenCV to detect body keypoints and accurately overlay clothing items. Developed the backend using Flask and stored user and image data in MongoDB. The project aims to enhance the online shopping experience by reducing uncertainty in clothing fit and style.

COURSES

- **Cloud Computing**, provided by NPTEL , 2023
- **Web Design**, provided by Freecodecamp , 2023
- **Advanced Grammar in English**, provided by Coursera , 2024
- **Data Structures and Algorithms in Java**, provided by Udemy , 2024
- **Machine Learning**, provided by Freecodecamp , 2024

HOBBIES

Playing Mobile Games