

# SUMUKH ACHARYA

Computer Science Engineering Student

+91 9972454072 @ sumukh.acharya@gmail.com [GitHub](#) | [LinkedIn](#)  
<https://sumukh-acharya.vercel.app/> Bengaluru, KA

## ABOUT ME

I am a 6th-semester Computer Science Engineering student at PES University. I am passionate about topics such as Data Analytics, Machine Learning, Deep Learning and Databases. I love playing around with Data. Outside of academics, I enjoy playing chess and badminton, and I am passionate about photography. I possess strong qualities in teamwork, communication, problem-solving, and a genuine eagerness to learn new things.

## EXPERIENCE

Intern 06/2024 - 08/2024  
**CODMAV (Center of Data Modelling and Visualization), PESU** Bengaluru, Karnataka

Internship at the Center focusing on Data Modelling and Visualization.

- Worked on a machine learning project titled 'Predictive Analytics for Early Lung Cancer Risk Using Machine Learning'.
- Responsible for preprocessing the dataset using various techniques.
- Applied feature selection algorithms and implemented machine learning models.
- Visualized results through tables, graphs, and other methods.
- Gained a deep understanding of machine learning concepts for successful project implementation.

## PROJECTS

### DOFS

DOFS (Distributed File Orchestration and Synchronization for Linux)

- Designed and implemented a multi-client file transfer system using a client-server model in Python.
- Ensured data integrity and security through directory isolation and robust error handling.
- Used Python.

### Streamly

Streamly Content Performance Analysis

- Analyzed content performance data of Streamly to optimize release strategy.
- Employed predictive models like Multiple Linear Regression and Random Forest Regression.
- Used Python.

### RideWave

RideWave Fare Forecasting

- Analyzed data to implement dynamic pricing for RideWave.
- Used predictive models such as XGBoost and SARIMAX to extract insights.
- Used Python.

### Restaurant Ordering System

Restaurant Ordering System

- Developed a command-prompt based Restaurant Ordering System using Socket Programming and SSL.
- Facilitated users in ordering food and allowed feedback collection.
- Used Python.

### Sports Equipment Rental

Sports Equipment Rental Management System

- Developed a system for students to browse and reserve sports equipment.
- Admin module allows tracking of rentals.
- Used MySQL, Python and Streamlit.



## EDUCATION

### CBSE Class 10

Sri Kumaran Children's Home

2009 - 2020 Bengaluru, Karnataka

CBSE Class 10 | **90%** / 100%

### PUC Class 12

BASE PU College

2020 - 2022 Bengaluru, Karnataka

PUC Class 12 | **95%** / 100%

### B.Tech, Computer Science and Engineering

PES University

2022 - 2026 Bengaluru, Karnataka

CGPA | **7.4** / 10

## ACHIEVEMENTS

Learn Photorealism with Blender 4-week Course Certificate

Placed 7th and 19th in Data Analytics Hackathon

Placed 5th in Machine Learning Hacakthon

## SKILLS

Python, C, HTML, CSS, JavaScript, NextJS, React, Git, Github, VS Code, Windows, MS Office, Ubuntu Linux, MySQL, Python  
Modules like pandas, numpy, scikit-learn, tensorflow, Blender, Kafka, Hadoop, Spark

## LANGUAGES

English, Konkani, Kannada, Hindi