

SUMUKH ACHARYA

Computer Science Engineering Student

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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, and Databases. I love playing around with Data. Outside of academics, I enjoy playing chess and badminton, and I have a keen interest in 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, Git, Github, VS Code, Windows, Ubuntu Linux, MySQL, Python Modules like pandas, numpy, scikit-learn, tensorflow, Blender

LANGUAGES

English, Konkani