SUMANT KULKARNI

4th year undergraduate CSE Student studying in PES UNIVERSITY

SUMMARY

Highly motivated and passionate fresher, seeking to contribute dedication, perfection, and strategic thinking to a challenging organization, eager to excel and make impactful contributions.

EDUCATION

PES University, Bangalore   **2024**
BTech, Computer Science and Engineering | CGPA - 8.14

Shree Guru PU college   **2020**
KSEEB, PCMB | 12th percentage- 92.16% | KCET rank- 6030

DAV Public School   **2018**
CBSE| 10th percentage – 69%.

EXPERIENCE

SkillVertex, Machine Learning Intern:
June 2022-Aug 2022

- ➢ Led customer churn prediction ML project achieving 94% accuracy through Random Forest, K-NN and Decision Tree models with SMOTE for imbalanced data aiding business retention strategies.
- ➢ Demonstrated expertise by deploying Random Forest , K-NN , Decision Tree models , showcasing adaptability and model comparison skills.
- ➢ Enhanced data quality via outlier removal and advanced SMOTE technique, showcasing strong data preprocessing capabilities.
- ➢ Applied machine learning principles in real-world scenarios.

PROJECTS

- ➢ **Parkinson Disease Detection using Bimodel Learning (On going project):**
  Pioneering a groundbreaking initiative utilizing Bimodel Learning for Parkinson's disease detection, merging vocal and spiral datasets for unique predictions . Employing advanced Capsule Neural Network for spiral images and Deep Belief Neural Network for vocal data. Time series normalization ensures robustness, bolstering predictive model accuracy. Our ongoing refinements in methodology and commitment to bimodal learning aim to revolutionize disease detection and broaden machine learning's healthcare applications.

- ➢ **Book Store App with MERN Stack:**
  Proficiently implemented CRUD functionalities, effectively managing book inventory and providing a seamless user experience. Developed an interactive book catalog that dynamically displayed crucial details such as title, author and availability, enhancing user engagement. Demonstrated full-stack development expertise by integrating MongoDB for database Management, Express for server-side operations, React for dynamic front-end and Node.js for seamless connectivity.
  Link : Drive Link

- ➢ **Cricket Club Management System :**
  Developed using MVC architecture, incorporating design pattern and principles for Optimized code structure.Leveraged SQL for seamless database connectivity ,ensuring efficient data management. Implemented an intuitive user interface, enhancing user experience.
  Link : Github Link

CONTACT DETAILS

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in LinkedIn

 https://github.com/sumantkulkarn

SKILLS

- **C**
- **C++**
- **Blockchain**
- **Python**
- **MERN stack**
- **Machine Learning**
- **MySQL**
- **Java**

ACHIEVEMENTS

- **5 Times Receiver of Distinction Award**
- **Solved 300+ coding problems in Leetcode , GFG , CodingNinjas**
- **Participated in 3rd International Mathematics and 12th National Science Olympiad Exams**

CERTIFICATES

- Machine Learning Internship Certificate
- Agile Virtual Experience Program
- Certified Problem Solver :Hacker Rank Challenges
- A Beginner's Guide to Linux Kernel Development
- AWS EDUCATE INTRODUCTION TO CLOUD 101-COMPLETION BADGE

LANGUAGES KNOWN

- English
- Kannada
- Hindi