

Sanjeevin J

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CARRER OBJECTIVE

Motivated and curious Computer Science student with strong programming skills and a growing interest in Machine learning and software development. Seeking internship opportunities to apply my technical knowledge, contribute to impactful projects, and continue learning in a collaborative, real-world environment.

EDUCATION

Dr. Mahalingam College of Engineering and Technology (Dr. MCET)

September 2023-May 2027

B.E. Computer Science and Engineering CGPA : 8.2

Indian Institute of Technology Ropar (IIT Ropar)

August 2024 –August2025

Minor in Artificial Intelligence CGPA 6.1

PROJECTS

SMS Spam Detection

Tools & Tech: Python, scikit-learn, Pandas, TF-IDF, Logistic Regression, NLP

- Developed an SMS classification model to distinguish spam from legitimate messages using supervised learning.
- Applied key NLP steps including tokenization, stopword removal, and TF-IDF vectorization.
- Trained models using Logistic Regression and Naive Bayes; evaluated with accuracy and precision metrics.
- Built clean scikit-learn pipelines and visualized model performance through confusion matrices and reports.

GitHub : github.com/SANJEEVIN2005/Sms_Span_detection

Heart Disease Prediction

Tools & Tech: Python, Pandas, scikit-learn, Matplotlib, Logistic Regression

- Built a machine learning model to predict heart disease using real-world medical data.
- Applied data preprocessing techniques such as normalization, encoding, and feature selection.
- Trained a Logistic Regression model and evaluated it using accuracy, precision, recall, and ROC-AUC.
- Visualized relationships between features and target using Matplotlib for better interpretability.

SKILLS

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|--------------------------------|-------------------------------|----------------------------------|
| • Python | • Natural Language Processing | • Version Control – Git & GitHub |
| • Data Structure and Algorithm | • Object-Oriented Programming | • DBMS |
| • Machine Learning | • Deep Learning Basics | • Problem-Solving |
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CERTIFICATIONS AND EXTRACURRICULAR ACTIVITIES

Certifications:

- Data Science BootCamp – GeeksforGeeks
- From Analyzing Data To Creating ML Models
- Introduction to Generative AI – Google Cloud (Coursera)

Virtual Internship:

- Code Galatta – Machine Learning & Recommendation Systems Intern
- Developed ML models for recommendation systems using basic NLP techniques.

ACHIEVEMENTS

- 4-year merit scholarship at Dr. MCET
- Solved 150+ LeetCode problems
- LeetCode 100 Days of Code Challenge (2025 Batch)

LANGUAGE

- English
- Tamil