ABHIPPSA SUBHADARSHINI

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Career Objective

A passionate Computer Science student with a strong interest in AI, Machine Learning, and web development. Eager to apply theoretical knowledge to real-world projects and gain hands-on experience. Committed to continuous learning and contributing effectively to innovative and impactful technology solutions.

Education

Alliance University — Sep 2022 – Jun 2026, Bengaluru, India
B.Tech in Computer Science and Engineering - CGPA – 8.0
(Artificial Intelligence and Machine Learning)

DAV Public School (CLASS 12) — Jul 2021 – Aug 2022, NTPC,Kaniha,Deepshikha
Central Board of Secondary Education - Science
Percentage – 86.3

DAV Public School (CLASS 10) — Jul 2019 – Aug 2020, NTPC,Kaniha,Deepshikha
Central Board of Secondary Education
Percentage – 83.8

Coursework/Skill

- Machine Learning
- Web Development
- Artificial Intelligence
- Generative AI
- Presentation Skills

Projects

1. **Emotion Recognition with Machine Learning | Python, OpenCV, Keras, Deep Learning|Feb 2022**

- Developed an emotion detection system using a deep learning model trained on facial expressions.
- Integrated OpenCV for real-time face detection and classification.
- Built a user-friendly interface with webcam support to detect seven emotions in real time.
- Live site here

2. **AI Resume Analyzer with LLM | Python, NLP, Streamlit, MySQL, pyresparser, Keras |March 2025**

- Built an AI-powered resume analyzer that parses uploaded PDFs using NLP (pyresparser).
- Extracts skills, recommends relevant courses (YouTube), and scores resumes.
- Integrated MySQL for storing user data, Used GPT-4o to provide real-time resume improvement suggestions.
- Live site here

3. **NLP based sentiment analyser|NLTK, Wordcloud, TextBlob, scikit-learn|Jan 2025**

- Trains and evaluates Multinomial Naive Bayes and Random Forest models for text sentiment classification.
- Provides functions to predict sentiment for new text inputs using the trained models.
- Live site here

4. **Wildfire Prediction Analysis | CNN, MobileNetV2, TensorFlow, Keras | June 2025**
- Developed and fine-tuned deep learning models including custom CNN and MobileNetV2 for wildfire classification.
- Analyzed and visualized model performance to optimize predictive accuracy and reliability.
- Live site here

Technical Skill

- **Languages**: Python, C, C++, MySQL
- **Developer Tools**: Ubuntu, Jupyter Notebook, Visual Studio Code.
- **Technologies/Frameworks**: Github,OpenCV, NumPy, Pandas, Matplotlib, Seaborn, SciPy, Scikit-learn, Beautiful Soup, Keras, Roboflow, Agile, Scrum, HTML,CSS.
- **Machine Learning Algorithms**:Linear Regression, Logistic Regression, Decision Tree, Random Forest , Xg Boost Natural Language Processing, Text Preprocessing , Transformers ,BERT, GPT, Spacy , NLTK.

Extracurricular

PAPER ACCEPTANCE
Research paper on “Plant Disease Detection integrating machine learning with image recognition” was accepted by ICDICI 2025.
CARRER DEVELOPMENT AND PLANNING
Participated in Techathon(Alliance One 2.0) got selected to second round with four group members.
Built a full-stack E-Learning platform(Integrated AI) .

Certification

- Natural Language Processing using Standford CoreNLP| Infosys SpringBoard
- Agile Development and Scrum|Coursera
- Generative AI with Large Language Models|Coursera
- Front-End Development|Coursera
- Machine Learning with python| IBM
- Citi's Technology Software Development| Forage