BANDHAW PS

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About Me

I am an AI and ML student with hands-on experience in machine learning projects and full-stack web applications. I am currently pursuing an internship at Stellar IdeaLabs, where I am gaining practical experience in both MERN Stack and Machine Learning development. I'm a strong team player with proven strengths in problem-solving, adaptability, time management, and collaboration to achieve project goals efficiently. Outside academics, I enjoy playing the keyboard and engaging in creative pursuits that enhance my innovative thinking.

Education

BNM Institute of Technology (BNMIT) — Bangalore, India
B.E. in Artificial Intelligence and Machine Learning ***(CGPA: 8.40)*** — *2022 – 2026 (Expected)*

Narayana Pre-University College — Bangalore, India
Pre-University Course (PCMC) ***(CGPA: 9.50)*** — *2020 – 2022*

Sri Chaitanya Techno School — Bangalore, India
High School (10^{th}) ***(CGPA: 9.30)*** — *Graduated 2020*

Experience

Data Analyst Intern — Jul 2025 – Sep 2025
Dyashin Technosoft
- Shadowed live projects and participated in daily stand-up meetings to gain practical exposure.
- Worked under professional mentorship while contributing to project tasks and learning relevant technologies.
- Provided daily status updates and collaborated with supervisors for progress tracking.

Full Stack Developer Intern — Sep 2024 – Oct 2024
Capabl India
- Developed MERN-based E-commerce and weather prediction platforms.
- Ranked Top-2 among cohort projects for innovation and usability.

AI Intern — Aug 2025 – present
Stellar Idealabs
- Built Credit Card Fraud Detection models using ML techniques on real/imbalanced datasets.
- Developed a Movie Recommendation System using filtering techniques for personalized content.
- Implemented Spam Message Classification with TF-IDF and Naive Bayes for accurate detection.

Projects

Explainability for Decision Tree Models using LLMs | *Python, Scikit-Learn, OpenAI API, XAI*
- Converted decision tree rules into natural language explanations using LLMs.
- Highlighted key features and thresholds to enhance interpretability.

Crop Price Forecasting | *CNN, GNN, TensorFlow, Gradio*
- Built deep learning models capturing spatial-temporal patterns in agricultural data.
- Deployed Gradio dashboard for farmer-friendly visualization.

Amazon Review Sentiment Analyzer | *Python, NLTK, Scikit-Learn, BERT*
- Fine-tuned BERT for sentiment classification with NLP preprocessing.

Cancer Cell Classification | *Python, OpenCV, Scikit-Image, Gradio*
- Used K-means clustering to classify cells as benign or malignant.
- Built Gradio GUI for early detection usability.

Medical Chatbot | *Java, Swing*
- Created GUI chatbot handling basic healthcare queries via rule-based logic.

Churn Prediction for Spotify Data | *Python, ML Models, Pandas*
- Developed ML model to identify potential churners using user activity data.

Technical Skills

Languages: C, Java, Python, JavaScript, SQL, HTML/CSS
Frameworks: MERN Stack, TensorFlow, Scikit-Learn, React, Node.js
Tools: Jupyter NoteBook, Postman, Google Cloud, VS Code, PyCharm
Libraries: pandas, NumPy, Matplotlib, NLTK, Transformers
Certifications: Python Pro bootcamp, Infosys Springboard, MERN Stack, NASA Space Competition IBM Data Science,AI Deveploment