

LAVETI KRISHNA BABU

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EDUCATION

- GMR Institute of Technology** Rajam, Andhra Pradesh
Bachelor of Technology — CSE(AI & ML) — CGPA: 9.58 2022 - present

INTERNSHIPS

- Power BI Intern - VNurtureIT** Guntur
Intern (Full-time) Jun 2024 – Jul 2024
 - Power BI Development:** Developed interactive dashboards for business intelligence, including an election analysis dashboard with dynamic filters and visualizations for Andhra Pradesh election data.
 - Data Analysis:** Collaborated with analytics team to interpret trends and provide actionable insights through data visualization.
- AI/ML Intern** YBI Foundation
Remote Internship Jun 2024 - Jul 2024
 - Machine Learning Projects:** Developed predictive models such as Big Sales Prediction (Random Forest) and House Price Prediction (XGBRegressor), including data preprocessing and performance evaluation.

PROJECTS

- Face Mask Detection using CNN [LINK](#):**
 - Built a Convolutional Neural Network (CNN) model to classify face mask usage from images with high accuracy using a Kaggle dataset.
 - Implemented end-to-end pipeline: image preprocessing, label encoding, train-test split, model training, and performance visualization.
 - Tech:** Python, TensorFlow, Keras, NumPy, OpenCV, Matplotlib, Scikit-learn
- Movie Recommendation System [LINK](#):**
 - Built a content-based and collaborative filtering recommendation engine to suggest movies based on user input.
 - Integrated a Streamlit-based UI for real-time suggestions using cosine similarity and genre-based filtering.
 - Tech:** Python, Numpy, Pandas, Scikit-learn, Streamlit
- Student Project Management and Performance Tracking System [LINK](#):**
 - Designed a role-based platform to enhance collaboration between students, faculty, and supervisors for academic projects.
 - Enabled automatic batch creation based on CGPA from Excel uploads, along with secure project file uploads and feedback workflows.
 - Tech:** Node.js, Express.js, MongoDB, EJS, Bootstrap, Multer, Passport.js

SKILLS SUMMARY

- Programming Languages:** Python, Java, C, JavaScript
- Web & Backend Development:** HTML, CSS, Bootstrap, JavaScript, Node.js, Express.js
- Databases & Tools:** MongoDB, MySQL, Git
- Data Analytics & Platforms:** Excel, Power BI, ServiceNow (Admin & App Development)
- Machine Learning:** Pandas, Numpy, scikit-learn, matplotlib, seaborn, tensorflow
- Soft Skills:** Problem-solving mindset, strong team collaboration, effective time management

CERTIFICATES

- ServiceNow CSA & CAD :** Global certifications May 2025
- DSA using Java Certification:** IIT Kharagpur (NPTEL) Oct 2024
- Data Analytics Basics for Everyone:** IBM Jul 2024

ACHIEVEMENTS

- GATE 2025 Qualified:** Scored 385 in Data Science & AI paper (DA) with All India Rank 6034
- LeetCode Problem Solver:** Solved 290+ coding problems on LeetCode platform, showcasing strong analytical and problem-solving skills
- Merit Scholarship Recipient:** Received merit scholarship for exceptional academic performance.