LAKSHMI PATIL

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Education

JSS Academy of Technical Education, Bengaluru   **December 2022-May 2026**

Bachelor of Engineering in CSE(AIML)

CGPA:7.43[until 5th Sem]

Bengaluru, Karnataka

Relevant Coursework

- Data Structures and Algorithms
- Database Management System
- Full Stack Development
- Operating System
- Artificial Intelligence
- Machine Learning

Projects

Edge Detection Using Image Processing   **November-2024**

- Executed an individual project in image processing.
- Used Python to develop a program that detects edges in images using various algorithms in image processing along with image classification, segmentation and feature extraction.

Emotion AI   **December 2024**

- Emotion Recognition: Detect human emotions through facial expressions.
- Real-Time Interaction: Enables responsive, dynamic communication to improve user experiences.
- Deep Learning Integration: Utilizes advanced algorithms to understand and predict human emotions efficiently.

AI in Business (Finance) and Auto ML   **February-2025**

- Fraud Detection: AI analyzes transaction patterns to identify anomalies and prevent fraudulent activities.
- Risk Management: Predicts financial risks using historical data and advanced algorithms.
- Credit Scoring: Enhances creditworthiness assessments using diverse data.
- Automation: Streamlines repetitive tasks like data entry, reporting and compliance checks.

Netflix Clone   **March-2025**

- Responsive Design: Ensure the layout adapts seamlessly to different screen sizes, including mobile, tablet and desktop.
- Movie and TV Show Data: Use APIs like TMDB (The Movie Database) to fetch and display movie and TV show data.
- Search Functionality:
- Tools Used: Google Collab.

Technical Skills

Languages: Java, Python, C/C++, HTML/CSS, SQL.

Developer Tools: VS Code, Eclipse, Terminal, Google Collab, Jupyter Notebook, python Id3.

Technologies: GitHub.

Soft skills: Verbal communication, Empathy, Teamwork, conflict resolution, Adaptability, Time and Deadline Management.

Certifications/ Achievements

- Career Essential in Generative AI by Microsoft.
- JavaScript Mastery from Basics to Advanced [Udemy].
- Career Essential in GitHub Professional Certificate by GitHub.
- Completion of Web Development by CODTECT IT SOLUTIONS.
- Microsoft Office Mastery Word Excel and PowerPoint [Udemy].