Aavanikrishna

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🔗 My Website

PROFILE

Final-year Computer Science & Business Systems student with hands-on experience in Python, Machine Learning, and Full-Stack Development. Developed AI-powered web applications and data visualization tools, integrating LSTM models for skill prediction and analytics dashboards for business insights. Adept at problem-solving, data analysis, and building scalable solutions. Passionate about leveraging emerging technologies to create impactful, real-world applications.

EDUCATION

BTech 4th Year Student, *Vimal Jyothi Engineering College*
Aggregate CGPA till S5 : 8.41

10/2022 – present
Kannur, India

12th CBSE BOARD, *Jawahar Navodaya Vidyalaya*
Passed with 74.2%

2020 – 2022
Kasaragod, India

10th CBSE BOARDS, *Jawahar Navodaya Vidyalaya*
Passed with 86.4%

2020
Kasaragod, India

INTERNSHIPS

Internship on Python and ML, *Revertech IT Solutions* ↗
Gained practical experience in Python programming, emphasizing essential concepts like data structures and libraries. Explored both foundational and advanced ML concepts. Worked with real-world datasets to apply ML algorithms.

08/2024
Kochi, India

PROJECTS

Career based Skill recommendation, *Self-initiated Academic Project*
Designed and developed an AI-driven web application that recommends personalized skill roadmaps based on users' career interests and existing skills. Built a full-stack system using Python (backend), React with Tailwind CSS (frontend), and integrated an LSTM model for accurate skill prediction. Key features include skill-level tracking, interactive roadmaps, course recommendations, progress visualization, and user authentication.

03/2025

Multi-Dimensional Data Visualization Using Python,
Comprehensive Sales Analysis and Visualization
Developed a Python tool using Pandas and Matplotlib to analyze sales data and visualize trends through line, bar, scatter, histogram, and stacked plots for actionable business insights.

12/2024

SKILLS

- Python and ML
- Java
- R Programming
- Power BI

- mySQL
- Pandas
- C Programming

LANGUAGES

English   **Malayalam**   **Hindi**
Native

INTERESTS

Coding | Reading | Travelling

CERTIFICATES

- Testdome SQL Certificate ↗