

LAXMAN V

22PD19

Gender Male
Date of Birth 14th March 2005
Languages known English, Tamil, Saurashtra
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Address

68/26, Kulandai Velan Street, Main Road, Dindigul,
Tamil Nadu.

OBJECTIVE

To obtain a position as an intern for a period of six months from May 2025 to November 2025.

ACADEMIC QUALIFICATION

Currently pursuing 3rd year of 5-year Integrated M.Sc. Data Science at the Department of Applied Mathematics and Computational Sciences in PSG College of Technology, Coimbatore.

SKILL SET

Languages	Python, C++, C, Java, SQL
Libraries and Frameworks	scikit-learn, TensorFlow, Numpy, Pandas, Flask, Django
Tools	Git, Power BI, Gephi

AREAS OF INTEREST

- Data Analytics and Visualisation
- Data Structures and Algorithms
- Supervised and Unsupervised Learning

ACADEMIC RECORD

- **M.Sc. Data Science** 2022 - 2027
PSG College of Technology, Coimbatore **7.97 CGPA**
- **XII (CBSE)** 2022
Achyuta Public School, Dindigul **95.20 %**
- **X (CBSE)** 2020
SSM Academy CBSE, Dindigul **94.20 %**

INDUSTRY BASED PROJECT EXPERIENCE

- **Learner Circle | Student Intern**
(May 2024- June 2024)
Developed a tool using Random Forest models based on Howard Gardner's Theory of Multiple Intelligences to identify children's strengths in areas like linguistic and logical-mathematical intelligence, supporting personalized learning strategies.

NON-ACADEMIC PROJECTS

- **Voice O Vision Assist** Developed Voice Over Vision Assistant for visually challenged, designed with **Flask** as its backbone integrates **Whisper, LLaMA 3, Gemini** models to process user queries in the form of voice commands, webcam-captured images or screenshots and responds through voice.
- **Pixel Racer** Created a dynamic car game in C++ featuring core gameplay mechanics and user interaction functionalities. Implemented using fundamental C++ concepts, the project showcases proficiency in algorithmic problem-solving and software design.

ACADEMIC PROJECTS

- **Golden Time Machine** Developed an end-to-end time series forecasting project using **Streamlit** for the user interface. This Time Learning Machine takes us from past and current gold prices to future gold prices via ARIMA, LSTM and Prophet models. Gold prices in Coimbatore from August 2021 to October 2024 were web-scraped using BeautifulSoup for forecasting.
- **Medi-Vault** Successfully developed a comprehensive pharmacy management system using **Tkinter** for the graphical user interface and Oracle SQL for database management. This project offers essential functionalities for adding, deleting, searching, and updating medication records, providing a robust solution to streamline pharmacy operations and enhance efficiency in pharmaceutical services.
- **EGO Networks** Developed a project on ego networks and community detection to analyze social structures and identify communities. Focused on studying relationships within networks and uncovering community patterns, providing valuable insights into connectivity and group dynamics.

EXTRA-CURRICULAR ACTIVITIES AND ACHIEVEMENTS

- Completed all eight levels of Abacus training.
- Developed proficiency in solving Rubik's Cube puzzles (3x3, 4x4, 5x5, 2x2, Mirror Cube, Snake Cube), with a personal best of under 45 seconds for the 3x3.

DECLARATION

I, Laxman V, do hereby confirm that the information given above is true to the best of my knowledge.

Place: Coimbatore

Date: 21/11/2024

Laxman V