

DEVI RAMYA S

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Summary

A highly motivated and detail-oriented B.Tech student in Artificial Intelligence and Machine Learning, with a strong foundation in data analytics, machine learning, and software development. Eager to contribute to innovative and data-driven projects, while continuously enhancing technical expertise and delivering impactful solutions in a dynamic tech environment.

Education

St. Joseph's College Of Engineering, B.Tech in Artificial Intelligence and Machine Learning Nov 2022 – May 2026

- GPA: 8.21/10.0
- **Coursework:** Foundational Mathematics, Machine Learning Algorithms, Foundations of Data Science, Deep Learning

Experience

Artificial Intelligence Intern, National Informatics Centre, Govt. of India July 2024 – Oct 2024

- Developed an AI chatbot for the government e-Procurement portal using HTML, CSS, JavaScript, and LLM integration.
- Applied vector database techniques to retrieve relevant responses across 100+ user queries.
- Ensured delivery met real-world standards under guidance from senior developers.

Software Development Intern, Hexaware Technologies May 2025 – Present

- Undergoing intensive training in Java, SQL, Spring Boot, React, and Cloud Technologies.
- Learning end-to-end software development, including backend APIs, frontend interfaces, and cloud deployment.
- Will develop and deploy a Bus Ticket Booking System as a capstone project demonstrating full-stack development skills.

Projects

Cafes in Chennai – Sentiment Analysis Recommendation

- Analyzed reviews of 40 cafes using sentiment and aspect-based analysis. Delivered location recommendations and customer insights to support decision-making for new cafe expansion.
- Tools Used: Python, Pandas, TextBlob, Matplotlib, Seaborn, WordCloud, Excel

Personalized Finance Assistant

- Developed a personalized finance assistant using AI to track expenses, provide budgeting tips, and offer investment recommendations based on user financial data.
- Tools Used: Python, Machine Learning, NLP, Pandas, Matplotlib.

Traffic Sign Recognition System

- Developed a traffic sign recognition system using deep learning models to classify and detect traffic signs in real-time from images.
- Tools Used: Python, TensorFlow, OpenCV, Convolutional Neural Networks, NumPy, Matplotlib.

Technologies

Languages: C, Python, Java, HTML, CSS, JavaScript, SQL

Databases: MySQL

Data Science and ML: Data Analytics, Data Preprocessing, Exploratory Data Analysis, Data Cleansing, Machine Learning Model Building

Tools: Power BI, Tableau, Google Cloud Platform, Git, Figma, Microsoft Excel