


Adhithya Laxman R G

✉ adhithyarg26@gmail.com ☎ 9080593654 📍 Coimbatore, India 🔗 www.linkedin.com/in/adhithya-laxman
🌐 <https://github.com/Adhithya-Laxman>

EDUCATION

Coimbatore Institute of Technology 2021 – 2025 | Coimbatore, India
B.E. Computer Science & Engineering | CGPA 9.49/10

Indian Institute of Technology, Madras (IITM)  2022 – 2025 | Chennai, India
Bachelor of Science in Data Science & Programming (Online) | CGPA 8.53/10


EXPERIENCE


Software Engineer Intern (DevOps) - Akamai Technologies 06/2024 – 08/2024 | Bangalore, India
• Engineering a complete **Data pipeline** using **Jenkins** and **Docker** for build automation the process from **ETL** to Grafana Dashboard rendering. Modernized legacy code to state of the art versions.


PRISM Intern - Samsung India Pvt Limited 08/2023 – 02/2024 | Coimbatore, India
• Implemented a TensorFlow-based **Conditional GAN** model for guided motion of MNIST images based on user input; reduced manual intervention by 40% and increased model accuracy by 15% by optimizing loss functions.

Research Intern - CSIR-Central Scientific Instruments Organisation 07/2023 – 08/2023 | Chennai, India
[GitHub Link](#)
• Engineered a “Solar panel fault detector” leveraging **Feed Forward Neural Networks**; achieved **70%** accuracy using various optimizers and hyperparameter fine-tuning.

PROJECTS

Doc Chat - LLM chatbot for PDFs (Team Project)
[GitHub Link](#) 
• Developed a **Flask**-based PDF chatbot using **RAG** with similarity search for **PDF interaction** and **Gemini API**, featuring an HTML/CSS front end.
• Improved learning time by **35%** with different features like Summarization, flash card generation etc.


Blood Connect
[GitHub Link](#) 
• Successfully orchestrated blood donation management, designed UI with HTML/CSS, and creating a robust backend with **PostgreSQL, Flask, and Python** to ensure a seamless user experience.
• **Output:** Enhanced accessibility and provided vital information about blood unit availability to those in need.

Lyric Lullaby - Music Streaming Application
[Github Link](#) 
• Built a robust music streaming app with features like authentication, user role abstractions, and an admin dashboard using **Flask, SQLAlchemy, HTML, CSS, and JavaScript**.
• **Output:** Improved music discovery by 15% using a powerful search functionality and seamless .mp3 file support, playlist creation, uploading songs by artists.

SKILLS

- **Programming Languages and Frameworks:** Python, C, Java, Flask, HTML, CSS, TensorFlow
- **Tools and Technologies:** Git, GitHub, Windows, Linux (Ubuntu), MacOS, MySQL, MongoDB, PostgreSQL, Jenkins, Maven, Ansible
- **Areas of Interest:** Deep Learning, Full Stack Development, Competitive Programming, DevOps, DBMS, Machine Learning
- **Soft Skills:** Leadership, Public Speaking

ACADEMIC ACHIEVEMENTS

- Secured **2nd place** out of 48 teams, at the Innovision'24 Hackathon for implementing LLM Chatbot for PDFs. [2024] | **Project Link**
- Secured **1st place** out of 16 teams, at the Internal Hackathon for **Smart India Hackathon**. [2023]
- Secured **first place** in the **reverse coding contest** at Syllogism'23 held at the Institute level [2023]
- Solved over 400 problems on Leetcode. **Highest Contest Rating: 1989* (Knight Badge - Top 3% in the world)** | **Leetcode Profile** 
- School topper in class 12 and class 10 board examinations conducted by Tamil Nadu State Board.

LEADERSHIP POSITIONS

- **Google Developer Student Club CIT:** As Secretary, planned and executed over 8 events including Hackathons. [2023-2024]
- **Association for Computing Machinery CIT:** Serving as Vice Chairman, overseeing and coordinating over 4 events. [2024]
- **Smart India Hackathon:** Led a team of 6 to secure first place among 16 teams in the Internal Hackathon of SIH[2023].