

# ADITYA NAIR

## AI/ML Enthusiast | Full-Stack Developer





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## SUMMARY

A motivated and detail-oriented Computer Science student with a strong foundation in Artificial Intelligence and Machine Learning, currently pursuing a dual degree from Vellore Institute of Technology (VIT), Chennai, and a B.Sc. in Data Science from the Indian Institute of Technology (IIT), Madras. Proficient in developing robust, full-stack applications and leveraging data-driven insights to solve complex problems. Seeking to apply my skills in a challenging and dynamic work environment.

## EDUCATION

 <b>Bachelor of Technology, Computer Science &amp; Engineering (AI &amp; ML)</b> Vellore Institute of Technology (VIT), Chennai 04/2023 - Present	CGPA 9.35 / 10
 <b>Bachelor of Science, Data Science</b> Indian Institute of Technology (IIT), Madras 04/2023 - Present	CGPA 8.5 / 10
 <b>Gregorian Public School</b> Higher Secondary 06/2018 - 05/2022	% 95 / 100
 <b>Bhavan's Vidya Mandir, Eroor</b> Primary School 05/2008 - 06/2018	% 94 / 100

## SKILLS

### Languages:

Python, Java, C++, SQL, R

### AI & Machine Learning:

GEN AI, ML, TensorFlow, Scikit-learn, Pandas, NumPy, Statistics

### Web & Cloud:

React, HTML, CSS, AWS, Vercel, Git, Clerk

### Core Concepts:

Data Structures & Algorithms, OOP, DBMS, OS

## EXPERIENCE

### Core Member

#### CodeChef VIT Chennai Chapter

01/2024 - 05/2024 Chennai, India

- Actively engaged in competitive programming by solving 100+ DSA problems while co-organizing coding events for 200+ participants and creating problem sets for intra-college competitions.

## LANGUAGES

English	Proficient	Hindi	Conversational
Malayalam	Native	Spanish	Intermediate

## PROJECTS

### AI-Powered Medical Voice Agent

01/2025

This full-stack web app acts as a virtual medical assistant using an LLM for intelligent responses. It features secure authentication and subscription billing via Clerk and Stripe, with user data managed in a Neon PostgreSQL database.

- Provides users with instant, private, and conversational access to medical information through an LLM-powered virtual assistant.
- Ensures a secure and personalized experience with user authentication and persistent data for tracking past consultations.

### ShowPass - Ticket Booking Website

08/2024

Co-developed ShowPass, a responsive site for booking movie/sports tickets. Features: dynamic homepage, advanced multi-filter search, interactive seat selection, secure sign-up/sign-in system.

- Saves users time by enabling effortless event discovery through an advanced search with multi-level filtering.
- Enhances the booking process with a responsive design and an interactive seat selection interface.

## KEY ACHIEVEMENTS



### Academic Excellence in KEAM 2023

Achieved an Engineering Rank of 688 in the KEAM 2023 entrance examination, with scores of 93/100 in Physics, 96/100 in Chemistry, and 95/100 in Mathematics.



### High Percentile in JEE Main 2023

Achieved a total NTA Score of 92.889 in the JEE Main 2023 Session 1, with notable percentile scores of 94.06 in Mathematics and 91.00 in Physics.

## CERTIFICATION

### Generative AI with IBM Watsonx

Issued by IBM, July 2025

## INTERESTS



### Algorithmic Problem-Solver

Passionate about solving complex challenges using data structures and algorithms, regularly practicing on platforms like LeetCode.



### AI/ML Innovator

Actively learning and building projects in machine learning and artificial intelligence to create practical, data-driven solutions.