

OMKAR

Gorakhpur, Uttar Pradesh | P: +91 9794767229 | [Portfolio](#) | [Gmail](#) | [LinkedIn](#) | [GitHub](#)

EDUCATION

VELLORE INSTITUTE OF TECHNOLOGY

Bachelor of Technology

Major in Information Technology

Cumulative GPA: 8.49*/10;

Relevant Coursework: Data Analysis, Software Engineering; Operating Systems; Data Structures & Algorithms; Artificial Intelligence; Computer Networks; Internet of Things; Web Development; Information Security Analysis.

Vellore, Tamil Nadu

Expected March 2025

ST. THERESES SCHOOL

Grade 12 (HSC), Percentage: 83.40%

Gorakhpur, Uttar Pradesh

2019-2021

PROJECTS

1. BLOCKBUSTER: A MOVIE BOOKING WEBSITE USING MEARN (FALL 2023)

- Engineered a full-stack movie booking platform, handling 10,000+ hits, and won "Best Presentation" out of 15 teams.

2. TRAVEL AGENT WEB APPLICATION USING THREEJS, MONGODB, AND BOOTSTRAP (WINTER 2023)

- Developed a travel planning platform using ThreeJS for 3D graphics, with a Node.js and MongoDB backend, and optimized Express.js APIs, increasing performance by 35%.

3. SENTIMENT ANALYSIS WITH SPECIALIZATION IN DRUG RECOMMENDATION (FALL 2024)

- Built an NLP-based sentiment analysis system that processed 1,000+ drug reviews, enhancing patient satisfaction by 20% and improving outcomes by 15% with actionable insights for healthcare professionals. [Link](#)

4. MEDICAL IMAGE CLASSIFICATION FOR DISEASE DIAGNOSIS (FALL 2024)

- Created a CNN model with 90% accuracy for detecting diseases like pneumonia, boosting diagnostic efficiency by 25% and improving patient care.

5. CLOUDWISE: SPRING BOOT-BASED CLOUD MANAGEMENT PLATFORM (FALL 2024)

- Produced a Spring Boot application for managing cloud resources, automating deployment, monitoring, and scaling across multi-cloud environments. This solution reduced manual effort by 40% and resulted in a 30% cost savings for cloud infrastructure management.

6. FLIPKART GRID (Level 2) - AI-POWERED SIZE CHART GENERATOR (AUGUST 2024)

- Teamed up to create an AI-powered tool for apparel size recommendations, reducing return rates by 30% and enhancing customer satisfaction through real-time predictions with Python and Fast API.

7. HEROES' CONQUEST: STRATEGIC CHESS BATTLE GAME (SUMMER 2024)

- Established a chess-inspired strategy game in Python with a 5x5 grid, unique heroes, and an AI opponent, offering engaging gameplay through advanced move logic and real-time feedback.

ACHIEVEMENTS:

- **AWS Certified Cloud Practitioner**
Issued by AWS
Certification ID: HC2Y1CRBYJR4139Q
- **AWS Certified Solutions Architect - Associate**
Issued by AWS
Certification ID: K7105QGL5J4417K8
- **Research Paper Published:** Sentiment Analysis with Specialization in Drug Recommendation
Published by **International Journal of Creative Research Thoughts**
DOI: LINK
- **Data Structures and Algorithms: Deep Dive Using Java**
Issued by Udemy
Completed a 16-hour course on data structures and algorithms using Java, covering key concepts in optimizing code for efficiency and performance.
Certificate ID: UC-d82d5aa5-e540-41f4-87fd-2ac15330fdec
- **Web Development Internship**
Octanet Services Pvt Ltd
October 2023 - December 2023

ADDITIONAL

Technical Skills: Advanced in Java, SpringBoot, Machine Learning, SQL, PHP, Javascript, HTML/CSS, Python, Data analysis, C++, C, Typescript, React.JS, Firebase, Tailwind, Word, PowerPoint, Prompt Engineering.

Languages: Fluent in English, Hindi; Conversational Proficiency in Spanish.