

Third-year Computer Science student at VIT Chennai specializing in Artificial Intelligence and Machine Learning. Skilled in Python, data analysis, and developing machine learning models. Eager to apply my technical skills to real-world challenges and collaborate on impactful technology projects..

Projects

Employee Management System with DevOps CI/CD Pipeline

May 2025 - Jun 2025

Developed a full-stack Employee Management System with a Spring Boot REST API and React frontend. Automated CI/CD workflows using Jenkins, Docker, and Maven, and implemented real-time monitoring with Graphite and Grafana.

- Tech Stack: React, Spring Boot (Java), PostgreSQL, Docker, Jenkins, Maven, JUnit, Graphite, Grafana, Git/GitHub

AnomLogBERT – Deep Learning Framework for Anomaly Detection in System Logs

Jan 2025 - Apr 2025

Built a deep learning-based anomaly detection system for Linux and BGL logs using Sentence-BERT embeddings and a custom neural classifier. Achieved high accuracy and F1-Scores (>98%) in identifying abnormal events, improving system reliability and operational monitoring.

- Tech Stack & Tools: Python, PyTorch, Transformers (Hugging Face), scikit-learn, Matplotlib, Google Colab

Urban Escapade – Interactive Educational Website on Indian States

Jan 2025 - Apr 2025

Developed an interactive educational website showcasing Indian states, featuring map-based navigation, real-time weather and transport data, and Firebase-authenticated login. Built with HTML, CSS, and JavaScript, ensuring responsive design and dynamic user engagement.

- Tech Stack & Tools: HTML, CSS, JavaScript, Firebase, jQuery, D3.js, Weather API, Overpass API

Core Skills

Technical Skills: Python, C/C++, Java, HTML, CSS, React.js, SQL, Git, Docker

Education

Vellore Institute of Technology (VIT), Chennai

Jul 2023 - Present

Bachelor of Technology (BTech) in Computer Science with Artificial Intelligence and Machine Learning
GPA: 9.13/10

Certificates

Supervised Machine Learning: Regression and Classification

Jun 2025

DeepLearning.AI & Stanford University (Coursera)

Advanced Learning Algorithms

Jun 2025

DeepLearning.AI & Stanford University (Coursera)

