

Nikhil Nemala

[Email](#)[Phone](#)[in LinkedIn](#)[GitHub](#)

TECHNICAL SKILLS

Languages: Java, Python

Web Technologies: HTML, CSS, React.js, Node.js, Express.js

Databases: MySQL, MongoDB

Technologies: Machine Learning, TensorFlow, Pandas, Scikit-learn

EDUCATION

ANITS, Visakhapatnam

B.Tech in CSE (AI & ML)

GPA: 7.99

Sept 2023 – May 2026

Govt. Polytechnic, Pendurthi

Diploma in EEE, GPA: 7.8

Nov 2020 – June 2023

SFS High School

Secondary Education, GPA: 7.7

June 2019 – March 2020

CERTIFICATIONS

Cloud Computing (NPTEL) [LINK](#)

Programming in Java (NPTEL) [LINK](#)

PERN Web Development (Udemy) [LINK](#)

Programming in C (Datapro) [LINK](#)

AWS – Cloud Computing (APSSDC)

SOFT SKILLS

- Problem-Solving
- Adaptability & Learning Agility
- Teamwork & Collaboration
- Time Management & Multitasking
- Leadership & Responsibility

SUMMARY

Aspiring Software Developer with a background in AI ML and experience in full-stack development using the MERN stack. Skilled in Python, Java, SQL, and ML/NLP applications. Built projects like Library Management System, Academic Portal, and YouTube Sentiment Analyzer. Interested in backend, APIs, and ML-driven systems.

EXPERIENCE

Game Developer Intern, Edumoon

[CERTIFICATE](#)

Remote — May 2024 – June 2024

- Developed gameplay mechanics using C in Unity Engine.
- Implemented efficient scripts for interactive game systems.
- Ensured seamless operation across core game functionalities.

ML Using Python Intern, YHills

[CERTIFICATE](#)

Remote — Jan 2025 – Feb 2025

- Built machine learning models using TensorFlow and Scikit-learn.
 - Designed end-to-end data pipelines for preprocessing and validation.
 - Improved model performance through effective feature engineering.
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PROJECTS

Campus Academic Management

[GIT](#)

Tools: Python, SQL, Django, DBMS

- Developed a Campus Academic Management System using Python (Django framework) with a strong emphasis on Database Management System (DBMS) principles.
- Created and managed custom SQL queries and Django ORM models for complex data retrieval, aggregation, and reporting tasks.
- Implemented CRUD operations for academic entities (student profiles, course registrations, attendance logs) using Django views and templates.

Sentiment Analysis on YouTube Movie Trailer Comments [GIT](#)

Tools: Python, Pandas, BERT, NLTK

- Developed a sentiment analysis pipeline to analyze public sentiment on a YouTube movie trailer using NLP techniques, helping forecast box office success.
- Preprocessed over 1000+ comments by implementing tokenization, stopword removal, and compound sentiment scoring to extract meaningful insights.
- Demonstrated expertise in PyTorch, transformers, and NLTK, showcasing the ability to combine rule-based and deep learning NLP methods.

Library Management System

[LINK](#)

Tools:

- Designed and developed a Library Management System using the MERN stack (MongoDB, Express.js, React.js, Node.js) to streamline book inventory, borrowing, and return processes.
- Deployed the system on Vercel and MongoDB Atlas, ensuring availability, scalability, and cloud-based performance.