

Nalla Roshini

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EDUCATION

Vellore Institute of Technology , Amaravati

B-tech Computer Science

Oct 2022-present

Current CGPA: 9.21

Narayana High School

Class XII

June 2022

Percentage: 92.4

SKILLS

Languages : Java, Python, SQL

Frontend : React.js, Tailwind CSS, HTML/CSS, JavaScript

Backend : Flask, Fast API, Node.js, Express.js

Databases : MYSQL, MongoDB, Firebase

Data Science & Machine Learning : NumPy, Pandas, Matplotlib, Scikit-learn, TensorFlow, Keras, OpenCV

Tools: Git/GitHub, VS Code

PROJECTS

PostCraft AI : Smart LinkedIn Post Generator

/ React, Tailwind CSS, Firebase (Auth & Firestore), Python, FastAPI, Groq Cloud (LLaMA), VS Code, Git, Vite

- Built a personalized LinkedIn content generator with Firebase Auth and real-time chat UI using React & Tailwind.
- Integrated Groq Cloud to access LLaMA model via Flask backend for intelligent post creation from user prompts.
- Stored and retrieved user-specific chat history using Firestore.
- Link: [Github Link](#)

Breathe-Scan : Detection of lung diseases from lung X-rays

/ Python, Flask, Jupyter Notebook, Git ,VS Code, HTML,CSS, SQLite

- Developed during an AI externship with SmartInternz Program from SmartBridge, in partnership with Google Developers and India EDU program, using TensorFlow.
- Developed a deep learning to detect Covid-19 and also other lung infections like lung opacities and pneumonia from Lung X-rays images, achieving 86.2% accuracy on training set and 80.2% on the testing set
- Link : [Github Link](#)

CLUB ACTIVITIES

Next-Gen Cloud Club / *Club Supervisor*

Oct. 2023 – May. 2024

Coordinated with department leads and team members to manage responsibilities. Organized 10+ coding contests and hackathons, engaging 200+ students, boosting coding proficiency and fostering a tech community.

CERTIFICATES

Oracle Certified Professional – OCI Generative AI : Demonstrated expertise in designing, building, and deploying Generative AI solutions using OCI's advanced AI services. Link : [Certificate Link](#)

Oracle Certified Foundations Associate – OCI AI : Certified by Oracle in core AI/ML principles, model training, and deployment using Oracle Cloud Infrastructure. Link: [Certificate Link](#)

AI using Google Tensorflow : Completed AI using Google TensorFlow course By Google Developers, gaining expertise in Building. Link: [Certificate Link](#)

Full Stack Web Development : Certified Full Stack Web Development with skills in building and maintaining web applications. Link: [Certificate Link](#)