GAJJALA PRAGNESH REDDY

+91 8431407141 ◇ Bengaluru, Karnataka

pragneshreddygajjala1234@gmail.com ◇ LinkedIn ◇ Github ◇ Leetcode

OBJECTIVE

Aspiring AI Engineer passionate about integrating AI with full-stack web development. Aiming to build intelligent, scalable, and user-focused applications by combining machine learning, deep learning, and modern web technologies to solve real-world problems.

EDUCATION

Bachelor of Technology (CSE(AI)), Amrita Vishwa Vidyapeetham, Amaravati, AP. Expected 2026
CGPA: 8.69

HSLC (High School Leaving Certificate), Viswasai Educational Institutions, Nellore, AP. 2020 - 2022
Percentage: 91.1

SKILLS

Programming Languages	Python, SQL, HTML, CSS3, JavaScript(Basic).
Frameworks	React.js, Node.js, Express.js, RESTful APIs, Django, Flask, Bootstrap.
Artificial Intelligence	Machine Learning, Deep Learning.
Database	MySQL, MongoDB.
Tools and Practices	Git & Github(Version control), VS Code, OpenAI, Jupyter, Colab.
Industrial Knowledge	Data Structures and Algorithms, DBMS, OOPs.

EXPERIENCE

Web Development Intern May 2025 - Present
TechSonlx

- Performing various assessments using HTML, CSS, JavaScript and Bootstrap.
- Gaining hands-on experience in developing web applications

PROJECTS

Medica - A Smart Medical Website - Built a smart medical website featuring AI tools like medicine classification, WellBot (AI assistant), and AI-based medical documentation. Includes pharma e-commerce and appointment booking, streamlining healthcare access through intelligent automation and user-friendly design.
(Developed using MongoDB Atlas, ReactJS, NodeJS, and Express).

Secure Stego Image Sharing Web App - Built a secure image messaging app using deep learning-based image steganography with user auth, stego image transfer, and admin control. Enables secret image hiding and revealing via custom CNNs.
(Developed using PyTorch, Streamlit, and SQLite)}.

Lung Cancer Classification - Developed a lung cancer classification system using machine learning algorithms like KNN, SVM, Random Forest, and XGBoost by analyzing clinical and imaging data. Designed to assist in early detection and support timely diagnosis and treatment decisions.
(Developed using Machine Learning)}.

CERTIFICATES

- Data Science for Engineers : issued by IIT Madras on Oct 2024.
- Python for Data Science and Machine Learning Bootcamp : issued by Udemy on Jul 2024.
- The Complete Python Bootcamp from Zero to Hero : issued by Udemy on Feb 2024.

- Python Data Structures and Algorithms : issued by Infosys on Aug 2024

ACHIEVEMENTS

- Winners of the SAP Hackfest Regional Round.

- Solved 200+ coding problems on platforms like LeetCode and HackerRank.

- Participated in IEEE Xtreme competition and obtained 900 points.

- Qualified as one of the final round teams in the Tredence Hackathon from my institute.

PUBLICATIONS

- Published a conference paper titled *Comparative Analysis of Machine Learning, Deep Learning, and Statistical Models on Credit Risk Prediction* on IEEE Xplore (DOI: 10.1109/AIDE64228.2025.10987509) on 12th May 2025.