

# Gummala Prashanth

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## Education

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2021 – 2025	<b>BTech in Computer Science and Engineering (Specialization in Artificial Intelligence)</b> <i>Vivekananda Global University , Jaipur, Rajasthan</i> ✉ <b>CGPA : 8.68</b>
2019 – 2021	<b>Board of Intermediate Education</b> <i>Sri Nalanda Junior College, Kothagudem, Telangana</i> <b>Percentage : 98.4%</b>
2018 – 2019	<b>Board of Secondary Education</b> <i>Radhika Concept School, Bayyaram, Telangana</i> <b>CGPA : 9.7</b>

## Skills

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Programming Languages: C, C++, Python, Java	Machine Learning & AI Tools: LLM expert, LangChain, PyTorch, TensorFlow, Keras, OpenCV, Scikit-learn
Python Libraries: Pandas, NumPy, Matplotlib, Flask, Django	Development Environments: Google Colab, Visual Studio Code, Jupyter Notebook
Databases: MySQL, Neo4j, MilvusDB	Web Technologies: HTML, CSS, JavaScript (basics)
Technical Tools: Git, GitHub, HackerRank, LeetCode	Soft Skills: Problem Solving, Teamwork, Communication

## Projects

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### AI Safe Drive ✉

Developed a system using deep CNNs to classify facial emotions and integrated features to play music based on emotion and trigger an alarm if the driver falls asleep. Achieved real-time emotion and state detection via webcam, making it suitable for vehicle safety.

### AI Chatbot with Groq API ✉

Built an AI-powered chatbot using Flask and the Groq API. Features include real-time responses, conversation history, and formatted code blocks with a copy option in a responsive full-screen interface.

### Intrusion Detection System Using Machine Learning ✉


Developed an IDS to classify network traffic and predict anomalies using a Random Forest model and achieved 76% accuracy in detecting malicious activities.

### Face Recognition System ✉

Designed a real-time face recognition system using Python libraries (OpenCV, Dlib, Face Recognition) and SQLite. Implemented Haar Cascade for detection and displayed recognized individuals' names on-screen.

## Professional Experience

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2024/09 – present Jaipur, India	<b>AI/ML Developer Intern</b> <i>Telepathy Infotech Pvt Ltd</i>  Involved in real-world AI projects to develop, optimize, and deploy machine learning models for solving complex business problems.
2024/05 – 2024/08 Jaipur	<b>Machine Learning Intern</b> <i>Octopyder Services Pvt Ltd</i> Built an intrusion detection system for a client's webpage to identify and mitigate potential threats effectively.

## Courses

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**Software Project Management( Planning, Execution, Evaluation and Control) - NPTEL, 2024**

**Natural Language Processing (NLP) – NPTEL, 2024**

**Introduction to Database Systems – NPTEL, 2023**

**Data Science Course – Skill India (NSDC) & Scholiverse Educare Pvt Ltd, 2023**

**OpenCV Bootcamp Certificate – OpenCV, 2024**

**Machine Learning - issued Onramp Matlab**

**Deep Learning - issued Onramp Matlab**

## Competitive Programming

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- **HackerRank:** Solved 50+ problems, 5-star rating in Python.
- **LeetCode:** Solved 50+ problems, proficient in data structures and algorithms.

## Awards

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### Perfect Score in Data Science Internship & Training

*Internshaala ( remote)*

Completed a 3-month Data Science course covering Python, mathematics, databases, and machine learning.

Achieved a perfect score of 100% in the final assessment, demonstrating exceptional proficiency in data science concepts and practices.