Guda Sri Venkata Prabhas

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# Education

## Gokaraju Rangaraju Institute of Engineering and Technology, Hyderabad, India. Dec 2021 - May 2025

Bachelor of Technology, Artificial Intelligence and Machine Learning , CGPA**:** 8.73

## Narayana Junior College, Kandukur, Andhra Pradesh, India Jun 2019 - Apr 2021

Intermediate Education (BIEAP), Percentage: 96.1

## Narayana EM High School, Kandukur, Andhra Pradesh, India Jun 2009 - Mar 2019

High School Education (BSEAP), CGPA: 10

# Projects

**[Chatbot using IBM Watson Assistant](https://github.com/prabhasg03/Python_Projects/tree/IBM-AI-Fundamentals/ChatBot)**

* [Developed and deployed a chatbot with IBM Watson Assistant as a part of IBM's "Build Your Own Chatbot - Level 1" program.](https://github.com/prabhasg03/Python_Projects/tree/IBM-AI-Fundamentals/ChatBot)
* [Deployed the bot in an ability that was able to handle repetitive queries through contextual conversation flow and multi-turn dialog and intent.](https://github.com/prabhasg03/Python_Projects/tree/IBM-AI-Fundamentals/ChatBot)
* [For ease of user interaction and demonstration, the chatbot was operating in a basic web user interface.](https://github.com/prabhasg03/Python_Projects/tree/IBM-AI-Fundamentals/ChatBot)

**[IoT-based Air Pollution Monitoring System](https://github.com/prabhasg03/academic_work/tree/Mini-Project)**

* [Designed an IoT setup with MQ135, MQ2, and DHT11 sensors to provide real-time air quality monitoring.](https://github.com/prabhasg03/academic_work/tree/Mini-Project)
* [Provided warnings on an LCD screen and buzzer when pollution levels crossed safe limits, and showed data on a web interface through Flask Backend.](https://github.com/prabhasg03/academic_work/tree/Mini-Project)
* [Present data visualization of historical air quality trends of the past and performed predictive analytics with a view to forecasting future pollution using Random Forest Regressor to enable users to gain insight into proactive health and environmental measures.](https://github.com/prabhasg03/academic_work/tree/Mini-Project)

**[Anomaly Detection in Smart Grids using Deep Learning](https://github.com/prabhasg03/academic_work/tree/Major-Project)**

* [Implemented a smart grid monitoring system based on KMeans clustering and Autoencoders in order to identify anomalous power grid data in real-time.](https://github.com/prabhasg03/academic_work/tree/Major-Project)
* [Applied Artificial Neural Networks (ANN) and XGBoost for real-time stability prediction.](https://github.com/prabhasg03/academic_work/tree/Major-Project)
* [Employed a Flask-based backend with RESTful APIs and a React dashboard for real-time visualization, alerting, and tracking historical data.](https://github.com/prabhasg03/academic_work/tree/Major-Project)

# Skills

* **Programming Languages :** Python, Java
* **Database Management :** SQL
* **Course Work :** DBMS, OOPS, Operating System, Machine Learning, Computer Networks

# Certifications

* [Google Cloud Computing Fundamentals - Google Cloud](https://www.credly.com/badges/01ca87cc-6a89-4aec-838d-0a572d6acb46)
* [Smart Coder - Smart Interviews](https://smartinterviews.in/certificate/e55919bc)
* [Excel Skills for Business: Essentials - Macquire University](https://www.coursera.org/account/accomplishments/records/A5H7LCVGM82L)
* [Artificial Intelligence Fundamentals - IBM](https://www.credly.com/badges/ff3e256b-fe86-43c0-a96a-5fd50fcb7c0c)
* [Build Your Own Chatbot - Level 1 - IBM](https://www.credly.com/badges/3dc13a9c-c478-4ab3-a877-cfdbf24f46bf)
* [PCAP: Programming Essentials in Python - Cisco Networking Academy](https://drive.google.com/file/d/1momxtYmmqtgm-mSL6EfH2_9qubU-3SZx/view)