

KANCHAMREDDY ABHISHEK REDDY

Python Full Stack Developer

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Objective:

A highly motivated and passionate Python Full Stack Developer seeking an entry-level position to leverage strong backend development skills, AI integration experience, and a solid foundation in data analysis to contribute to impactful software solutions and grow within a dynamic tech environment.

Summary:

Recent Computer Science graduate with strong proficiency in Python programming. Skilled in writing clean, efficient code and applying object-oriented principles. Familiar with Python libraries such as NumPy, Pandas, and Flask. Experienced in building mini projects and scripts for automation and data handling. Quick learner with a strong interest in backend development, data analytics, and automation.

Education:

Bachelor of Technology (CSE)

ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES RAJAMPET

Duration: 2021 - 2025 Percentage-82.65%

Intermediate - BHASYAM IIT- JEE JUNIOR COLLEGE, GUNTUR

Duration:2019-2021 Percentage-91.7%

SSC - SRI CHAITANYA HIGH SCHOOL KADAPA

Duration:2018-2019 Percentage:9.3%

Projects:

*Gemini AI Assistant (Command Line Version): (Github—**ChatBotAI**)*

- Developed an interactive command-line chatbot using Python and Google's Gemini 1.5 Flash model via the google-generativeai API.
- Implemented secure API key management using .env files and python-dotenv for environment variable handling.

- Designed a continuous chat loop to accept user inputs and provide AI-generated responses, with clean termination on typing “quit”.
- Incorporated error handling to manage API failures and connectivity issues gracefully.
- Gained hands-on experience with AI API integration, Python scripting, and building terminal-based interactive tools.

Technologies Used: Python, Google Gemini 1.5 Flash, google-generativeai API, python-dotenv, .env files.

*Fake News Detection using Fuzzy Logic: (Github—**FakeNews**)*

This is a machine learning-based web application designed to detect whether a given news article is real or fake. It uses Natural Language Processing (NLP) and deep learning models like CNN and RNN for accurate classification.

- Built a machine learning-powered web app to classify news as **real or fake** using **NLP** and **deep learning**.
- Implemented models like **CNN** and **RNN** for accurate predictions.
- Integrated a **user-friendly web interface** using Flask for real-time testing.
- Used **Scikit-learn** for text preprocessing and **TensorFlow/Keras** for training and inference.
- Leveraged a **pre-trained model** for faster predictions and better user experience.

Technologies Used: Python, Flask, TensorFlow, Keras, Scikit-learn, Pandas, NumPy, HTML, CSS

Skills:

- **Programming Languages:** Python, SQL, HTML/CSS
- **Frameworks/Libraries:** Flask, Streamlit, Pandas, NumPy, Matplotlib.
- **Tools:** Git, Jupyter Notebook, VS Code.
- **Concepts:** OOP, Exception Handling, File Handling, REST APIs
- **Database:** MySQL, SQLite

Python using AI:

- Python for AI Development
- **Machine Learning:** Scikit-learn, Pandas, NumPy, Matplotlib
- **Deep Learning:** TensorFlow, Keras (CNN, RNN models)
- **AI Integration:** Gemini API, OpenAI, Streamlit for AI apps

Certificates:

Full Stack Python

Skill Dzure — *Online*

Oct 2023 – Apr 2024

- Gained hands-on experience in Flask, SQL, API development, and UI integration.
- Built multiple Python-based projects under mentorship.

Python Using AI—AI For Techies

- Create interactive visualizations in Python in minutes
- Debug Python code in seconds using AI
- Write code in Python by using AI in seconds

Interests:

Sketching, Playing Cricket, Swimming

Links:

- [LinkedIn](#)
- [GitHub](#)
- [Portfolio](#)

Languages:

Languages Known: English, Telugu, Hindi

Declaration:

I hereby declare that the information provided above is true to the best of my knowledge and belief.