

# Chimata Poojitha

CS Undergraduate

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Aspiring data and technology professional with strong Excel, analytical, and reporting skills, seeking an entry-level trainee role to support data-driven decision-making and business operations. Proven ability to analyze datasets, generate actionable insights, and collaborate effectively in dynamic team environments.



## Websites, Portfolios, Profiles

- LinkedIn: [www.linkedin.com/in/poojitha-chimata](https://www.linkedin.com/in/poojitha-chimata)
- GitHub: <https://github.com/221FA04356>



## Skills

### Technical Skills

- Languages – Python, Java, C, HTML, CSS, MS Excel, Data analysis
- Database – SQL, MongoDB
- Cloud Tech Stack– AWS
- DEV Tools – GitHub, VS Code, Git, Google Colab
- Frame Works – Pandas, NumPy

### Behavioral Skills

- Good Communicator & Active Listener
- Teamwork and collaboration
- Decision making with right Attitude
- Proactive Approach to get things
- Calm under pressure
- Attention to Details on Deliverable
- Flexible and adaptable
- Willingness to learn and adapt to new tools and technologies.



## Education

- |                         |   |
|-------------------------|---|
| Expected in<br>May 2026 | <b>Bachelor of Technology: Computer Science</b><br><i>Vignan University - Guntur</i> <ul style="list-style-type: none"><li>• CGPA: 8.34</li></ul> |
| Mar 2022                | <b>Intermediate MPC</b><br><i>Narayana Junior College - Guntur</i> <ul style="list-style-type: none"><li>• Percentage: 93.6%</li></ul>            |
| Mar 2020                | <b>SSC</b><br><i>Narayana English Medium School - Guntur</i> <ul style="list-style-type: none"><li>• Percentage : 95%</li></ul>                   |



## Projects

### AI Based Emergency Response Agent:

Scope of project is to build an AI powered emergency responsive agent which helps the users in achieving immediate help in case of emergency situations.

- Tech Stack: Python, Lang chain + OpenAI API, Real-time analysis, Automated response Process.
- Used Flask backend server with Twilio integration for SMS, email alerts.
- Created a Tkinter desktop alert system with safety timer system, to ensure liability and prevent false alerts.

### Hybrid Based Food Image Classification:

Scope of the project is to design a hybrid model-based food image system which can classify varieties of food items.

- Applied image pre-processing and noise reduction techniques to improve robustness and performance.
- Applied Feature extraction techniques such as Color Histogram, HU moments, LBP, Contour Analysis, Canny Edge Detection.
- Evaluated against multiple models like CNN, SVM , Random Forest, visualized the results using Bar graphs and confusion matrix.
- Achieved accuracy of 88 percent using deep feature extraction.

### Gender Based Image Detection:

Scope of the Project is to build a Facial Image recognition system using models like SVM, KNN, Logistic Regression and Random Forest.

- Focused on Image Analysis and applied Preprocessing techniques to overcome factors such as Poor Lighting, Rotational Angle Captures, Noise reduction.
- Applied Preprocessing techniques such as OpenCV, grayscale, resizing for image processing.
- Achieved Optimal results with SVM offering best balance of accuracy and precision.
- Evaluated models using classification metrics and cross-validation to ensure generalizability and reduce overfitting.



## Certifications

- Aug 2025      AWS – Certified Cloud Practitioner
- May 2025      NPTEL – Public Speaking, Leadership & Team Effectiveness
- Dec 2022      PET Certified from Cambridge University.



## Achievements

- Event Engagement Coordinator at National Level Youth Festival – Vignan University
- Tech Hackathon Finalist – Vignan University
- Class Representative – Vignan University
- Awarded Merit Scholarship – Vignan University