

# Chimata Poojitha

CS Undergraduate

Address Guntur, India 522004

Phone 8074084038

E-mail poojitha.chimata1207@gmail.com



Motivated fresher with exposure to end-to-end project delivery, supporting assigned tasks within defined project scope and technology framework. Able to understand business requirements, assist with documentation, and follow best practices. Proactive in testing activities, effective team collaboration, and supporting overall project and infrastructure needs



## 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
- 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