

# GAYATRI CHEBOLU

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## Career Objective

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Final-year B.Tech student passionate about building strong foundations in system engineering. Experienced in AI/ML projects and hackathons, enhancing practical skills and collaborative learning. Eager to contribute as a Systems Engineer at Infosys by applying knowledge, learning on the job, and collaborating effectively in team projects.

## Skills

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- **Programming Languages:** Python
- **AI / ML / Generative AI:** Linear Regression, Deep Learning (BERT), NLP, Model Deployment, Hugging Face, LangChain, OLLama
- **Web Development & Frameworks:** Streamlit, Flask, HTML, CSS, JavaScript
- **Tools & Platforms:** Git, GitHub, Jupyter Notebook, Kaggle
- **Soft Skills:** Teamwork, Communication, Time Management, Positive Attitude, Kindness, Quick Learner, Adaptability, Creativity

## Education

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<b>Kakinada Institute of Engineering and Technology for Women</b> , B.Tech in Computer Science and Artificial Intelligence	2022 – 2026
• CGPA: 7/10	
• Relevant Coursework: Artificial Intelligence, Machine Learning	
<b>Triveni Junior College</b> , Intermediate Education (MPC)	2020 – 2022
• CGPA: 9/10	
<b>Triveni Educational Academy</b> , Secondary School (10th)	2019 – 2020
• CGPA: 10/10	

## Experience

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<b>AI/ML Intern</b> , Eduskills (AICTE) – October – December 2024	Internship
• Hands-on experience in <b>Machine Learning</b> , focusing on <b>supervised learning</b> , <b>neural networks</b> , and <b>model optimization</b> .	
• Designed and implemented an <b>Image Classifier</b> using <b>TensorFlow</b> and <b>Keras</b> , improving model accuracy.	
• Trained, evaluated, and deployed models, gaining practical experience in <b>prediction performance optimization</b> .	
<b>Web Development Intern</b> , Apex Planet Software Pvt. Ltd. (AICTE Project) – August 1 – September 15, 2025	Internship
• Learned and applied AI-assisted approaches to develop a responsive <b>Travel-Tales</b> website for mobile and desktop using <b>HTML</b> , <b>CSS</b> , <b>JavaScript</b> .	
• Gained practical experience in <b>frontend web development</b> while leveraging AI tools to enhance learning and development efficiency.	
• Developed a functional, responsive web application, demonstrating hands-on skills in <b>web development and AI-assisted learning</b> .	

## Projects

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- **House Price Prediction Web App:** Built a **Linear Regression** model predicting house prices with 90% accuracy using **Python**, **Pandas**, and **scikit-learn**, deployed via **Streamlit**.
- **Code Generation AI & Explainer:** Developed a **Generative AI** tool for code generation and explanation with **Streamlit** frontend, **OLLama** backend, and **OCR** for image-based code input.
- **Fake News Detection System:** Built deep learning models using **BERT**, **TensorFlow**, and **Keras** for NLP-based fake news detection.

## Certifications & Achievements

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- **IIT Hyderabad:** Foundation of Modern Machine Learning – Grade A
- **Infosys Springboard:** Artificial Intelligence Primer Certification
- **OpenAI:** Introduction to Generative Models for Developers
- **BCG GenAI Job Simulation (Sep 2025):** Developed an AI-powered financial chatbot using **Python** and **Pandas**, analyzing 10-K and 10-Q reports.
- **Achievements:** - Developed multiple AI/ML prototypes using **ChatGPT**, **LangChain**, **Hugging Face**, and **Streamlit** - Participated in hackathons and collaborative projects demonstrating teamwork, communication, and practical AI implementation