BHATTU BHARGAVI

COMPUTER SCIENCE AND ENGINEERING – (AI & ML) UNDERGRADUATE

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EDUCATION

- **R.V.R & J.C College of Engineering** — Chowdavaram, India
  Bachelor of Technology – CSE(AI&ML); GPA: 9.11 — *September 2022 - June 2026*
- **Sri Chaitanya Junior College** — Ongole, India
  Board of Intermediate Education; Percentage: 97.4 — *July 2020 - April 2022*
- **Gitanjali English Medium High School** — Podili, India
  Board of Secondary Education; Percentage: 98.5 — *June 2019 -April 2020*

SKILLS SUMMARY

- **Languages**: Python, SQL, JAVA, C, HTML, CSS, Java Script
- **Core Skills**: Data Structures, Machine Learning, Natural Language Processing, Cloud Computing
- **Other Technologies**: MS Word, Excel, PowerPoint

EXPERIENCE

- **Project Trainee (Team Lead) – Infosys Springboard 6.0**
  Internship AI & NLP — Contract Language Simplifier — *Aug 2025 - Oct 2025*
  - Led a team of 4 to build an AI-powered legal document simplifier using FLAN-T5/BART models, implementing readability scoring (Flesch-Kincaid, Gunning Fog) and NLP preprocessing with NLTK & spaCy to transform complex legal policies into simplified language for the general public.
  - Spearheaded development of multi-level text simplification and key-term glossary, featuring over 80 entries, enhancing legal policy access for team members; platform streamlined information access and interpretation using Streamlit; secured user authentication.
- **Virtual Intern – Artificial Intelligence with Green Technology**
  Edunet Foundation| Shell| 4-Week Internship — *Dec 2024 - Jan 2025*
  - Pioneered an AI-driven chatbot for environmental sustainability, employing NLP and ML methodologies, which streamlined initial user support, reducing manual inquiries by 15%.
  - Built a complete chatbot pipeline with tokenization, NER, and contextual dialogue flow, using TF-IDF and Logistic Regression models, achieving 95% accuracy and scalable cloud deployment via Streamlit.

PROJECTS

- **Student Management System (Full-Stack Web Application)**: **2026**
  - Architected a full-stack Student Management System with Node.js, Express.js and MySQL, using JWT authentication and RBAC to securely manage four distinct user workflows, which led to zero reported data breaches.
  - Orchestrated an intuitive dashboard interface enabling 99% data accuracy and real-time updates for teachers, parents, and administrators; enhanced parent engagement by 15% through streamlined communication features and monitoring tools.
- **Crop Prediction**: **2025**
  - Streamlined a crop prediction system using Python (Flask, Scikit-learn, NumPy) to recommend optimal crops based on soil and weather conditions, implementing an end-to-end ML pipeline with Logistic Regression.
  - Built a responsive web interface (HTML/CSS) for real-time crop prediction, demonstrating full-stack integration and practical application of machine learning.
- **Quiz App:** **2024**
  - Implemented an interactive quiz web application using HTML, CSS, and JavaScript, featuring a real-time scoring system and a structured question bank with multiple-choice questions.
  - Proposed responsive UI/UX and real-time answer validation, reducing average quiz completion time by 15% and improving user satisfaction by 20% based on post-quiz surveys.
- **Weather App:** **2024**
  - Developed a responsive Weather Forecast Web App using HTML5, CSS3, and JavaScript, integrating OpenWeatherMap API to display real-time temperature, humidity, wind speed, and weather conditions.
  - Implemented robust error handling that supported seven types of invalid location inputs, decreasing user-reported errors by 30% and improving overall application stability as sole developer.

CERTIFICATIONS

- Career Essentials in Generative AI - Microsoft and LinkedIn
- Introduction to Artificial Intelligence – Infosys
- Introduction to Industry 4.0 and Industrial Internet of Things -NPTEL
- Infosys Pragathi: Path to Future Cohort-4
- Cloud Computing – AWS Academy Cloud Foundations
- Prompt Engineering– IBM
- Joy of Computing Python - NPTEL
- Data Science for Engineers – NPTEL