

CHIRANJI GEETHA

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CAREER OBJECT

To secure a challenging and rewarding position in a reputable organization where I can effectively apply my technical knowledge, academic background, and problem-solving skills. I am eager to contribute meaningfully to team objectives while continuously enhancing my abilities through dedication, innovation, and a commitment to lifelong learning. My goal is to grow both personally and professionally by embracing opportunities that promote creativity, responsibility, and impactful outcomes.

EDUCATION

Vignan's Nirula Institute of Technology and Science for Women Bachelor of Technology in Computer Science and Engineering (CGPA :8.3)	Guntur, Andra Pradesh (2022–2026)
Ramakrishna Sahakara Junior College Intermediate (Percentage : 83.7)	Guntur, Andra Pradesh (2020–2022)
Zilla Parishad High School (Z.P.H.S) SSC(Percentage:97)	Nagavaram, Andra Pradesh (2019–2020)

EXPERIENCE

IBM SkillsBuild – Sentiment Analysis using Naive Bayes	(May – June 2024)
<ul style="list-style-type: none">Designed and implemented a machine learning model to classify hotel reviews as positive or negative using Naive Bayes algorithm.Built and evaluated the model in python using NLP libraries like NLTK and scikit-learn, achieving meaningful sentiment insights	
AI on Azure – Microsoft	(May – June 2025)
<ul style="list-style-type: none">Edunet Foundation in collaboration with AICTEEnhanced understanding of AI applications, cloud services, and industry-level implementation.	
Infosys Internship – ANPR & ATCC for Traffic Management	(Sep – Nov 2025)
<ul style="list-style-type: none">Worked on AI-based ANPR and ATCC systems for intelligent traffic management.Used YOLO models for vehicle and license plate detection.	

PROJECTS

Project: MEMS-Based Hand Gesture Robot Control	GitHub
<ul style="list-style-type: none">Designed a wireless robot control system using a MEMS accelerometer to detect hand gestures and convert them into motion commands.Implemented gesture recognition and control logic using NodeMCU and microcontroller programming.Future scope includes wearable gesture-based control systems for robotics, prosthetics, assistive technologies, industrial automation, and IoT-enabled remote robot control.	
Project: Personalized Story Teller for Kids	GitHub
<ul style="list-style-type: none">Developed a Django-based web app powered by Generative AI to create personalized, age-appropriate children's stories.Enabled customization based on child's name, age, language, emotion, voice type and story theme.Focused on enhancing user engagement through interactive storytelling and AI- driven content generation.	

TECHNICAL SKILLS

Programming Languages: Python, C, C++, Java	Web Technologies: HTML, CSS, JavaScript
Frameworks: NumPy, Pandas, Scikit-learn, TensorFlow	Databases: MySQL
Version Control & Tools: GitHub, Visual Studio Code, MS Office	Languages: English, Telugu

WORKSHOPS

APSSDC – Data Analysis using Python

Experienced in Python based data analysis using Pandas, Numpy, Matplotlib, Seaborn and Scipy.

Pragathi – Cohort 3 Infosys, Hyderabad

Attended a workshop on industry trends and real world software practices.

CERTIFICATIONS

NPTEL : Joy of Computing Using Python(Elite), Programming in Java(Elite), Data Base Management System.

UDEMY : Python, Full stack web development, Java.

EDX : Introduction to Data Science with python

INFOSYS : AI Foundation, Computer Vision, Introduction to NLP

DELOITTE : Cyber Security