

# Chandrika Badveli

Computer Science & Data Science Engineering Student | Seeking Entry-Level Opportunities in AI, Data Science & Software Development  
| Aspiring to become an Agentic Software Engineer, using AI tools and automation to build intelligent, self-managing systems.

Passionate about using technology to solve real-world problems. Experienced through internship and academic projects in data analysis, machine learning, and web development.

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Chandrika Badveli



# About Me

## Passionate Computer Science & Data Science Student

I'm a passionate and goal-driven Computer Science and Data Science Engineering student at G. Pulla Reddy Engineering College, with a strong interest in Artificial Intelligence, Data Science, and Full Stack Development. I enjoy transforming ideas into impactful solutions through technology, teamwork, and creativity.

I recently completed an Advanced Data Analysis Internship at Innomatics Research Labs, where I worked on projects like AMCAT Data Analysis, and Electric Vehicle Data Study. During this internship, I explored Python programming, Exploratory Data Analysis (EDA), image processing (PIL), and data visualization, which strengthened my analytical and coding skills.

As the Student Coordinator of the Training and Placement Club, I serve as a bridge between companies and students—organizing placement drives, coordinating with recruiters.

Chandrika Badveji

# Core Expertise



## Data Science & Analytics

Learning data analysis fundamentals through hands-on projects. Gaining experience with Python libraries like Pandas, NumPy, and Matplotlib during my internship and academic work.



## AI & Machine Learning

Exploring AI concepts and machine learning techniques through project-based learning. Building projects with guidance from AI tools and online resources to understand how these technologies work.



## Web Development

Learning to build web applications using modern technologies. Understanding the basics of frontend and backend development through practice projects and online tutorials.

# Featured Projects

## AI Code Reviewer

A Streamlit-based generative AI tool that analyzes Python code, detects errors, and suggests improvements for better efficiency and readability.

**Technologies:** Python, Streamlit, AI/ML

## AI-Powered Solution for Visually Impaired

Combines computer vision, NLP, and machine learning to provide real-time object recognition, text-to-speech reading, and voice navigation assistance.

**Technologies:** Computer Vision, NLP, Machine Learning, Python

## Smart Doc Checker Agent

A mini AI agent that scans and compares multiple documents to identify contradictions and inconsistencies, automating manual review tasks.

**Technologies:** AI/ML, Document Processing, Python

## AMCAT Data Analysis Project

Comprehensive data analysis project exploring employment patterns, salary trends, and skill requirements using AMCAT dataset.

**Technologies:** Python, Data Analysis, EDA, Visualization

# My Learning Approach



## Learn & Research

Understanding the problem and researching solutions, often using online resources and tutorials.



## Plan & Design

Breaking down the project into smaller tasks and sketching out the basic structure.



## Build & Learn

Using AI tools and online resources to help build solutions, learning how different components work together through hands-on implementation.



## Test & Improve

Testing the solution, fixing issues, and making improvements based on what works.

# My Experience & Learning Journey

During my internship at Innomatics Research Labs, I gained hands-on experience with real-world data analysis projects. Working on AMCAT Data Analysis, Electric Vehicle Study, and Last Mile Delivery Analysis taught me the importance of thorough data exploration and statistical thinking. This experience strengthened my Python skills and gave me confidence in handling complex datasets.

As Student Coordinator of the Training and Placement Club, I've developed strong organizational and communication skills. Coordinating placement drives has taught me the value of teamwork and leadership. This role has also given me insights into industry expectations and hiring processes.

# Skills & Technologies

## Technical Skills

- Python (Intermediate - Pandas, NumPy, Matplotlib)
- Java (Foundation Certified - Infosys Springboard)
- HTML, CSS, JavaScript (Basic)
- Data Structures & Algorithms (Learning)
- SQL & Database Basics
- Git & Version Control

## Tools & Frameworks

- Streamlit (Web Applications)
- Jupyter Notebooks
- Data Visualization (Matplotlib, Seaborn)
- Machine Learning Libraries (Scikit-learn)
- AI Tools Integration
- Statistical Analysis

6+

Projects Completed

2+

Years Learning Journey

2nd

Prize NASA Space Apps  
Challenge

# Achievements & Recognition



## NASA Space Apps Challenge - 2nd Prize

Our team "Agri Navigators" secured 2nd prize at VIT-AP University for developing a game-based dashboard using NASA's satellite data to support precision agriculture.



## Flipkart GRID 7.0 - Phase 2 Selection

Selected for Phase 2 of Flipkart GRID 7.0, demonstrating strong problem-solving and technical skills in a competitive environment.



## HackerRank 5★ Problem Solving

Achieved 5-star rating in Problem Solving on HackerRank, showcasing proficiency in algorithms and data structures.



## Professional Certifications

TCS iON Communication Skills Certification and Java & Python Foundation Certifications from Infosys Springboard.

# Let's Connect & Collaborate

I'm actively seeking internship and full-time opportunities in AI, Data Science, and Full Stack Development. As a prefinal-year student, I'm eager to contribute to meaningful projects while learning from experienced professionals.

I'm passionate about applying my technical skills to solve real-world problems and would love to discuss how I can contribute to your team's success.

[View My Projects](#)[Connect on LinkedIn](#)

## Connect With Me

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 LinkedIn:

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 GitHub: <https://github.com/172005-dot>

 G. Pulla Reddy Engineering College

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