Brinda Reddy

Phone: 7989946971 | **Email:** brinda.reddy_2027@woxsen.edu.in
LinkedIn: brinda-reddy-86b86430a | **GitHub:** brindareddy667

Education

Woxsen University **2023 – 2027**
B.Tech in Computer Science & Engineering (CGPA: 8.9/10) *Hyderabad, India*

Excellencia Junior College **2021 – 2023**
Intermediate / High School (Grade: 9.8/10) *Hyderabad, India*

Silver Oaks International School **Graduated 2021**
Secondary School Education (Grade: 9.2/10) *Hyderabad, India*

Skills

Languages: Python, HTML, CSS, JavaScript,SQL
Frameworks: Flask, Django,
Soft Skills: Mentorship, Communication, Collaboration, Adaptability,Agile Teamwork

Projects

Smart Cloud Cost Manager | *Python, Flask, Scikit-learn, SQLite* [Source Code]

- Developed a unified web platform using Python and Flask to forecast and optimize cloud expenditures.
- Integrated a Scikit-learn Linear Regression model for cost prediction, utilizing Pandas for efficient data handling.
- Designed a responsive frontend with HTML, CSS, and JavaScript, and implemented an AI-powered service selector bot.

QR-Based Smart Queue Management System | *Flask, Time Series, SQLite* [Source Code]

- Built a system allowing users to join queues via QR codes, successfully reducing wait times by ∼52%.
- Implemented Scikit-learn (Linear Regression, Time Series) to predict peak hours with ∼92% accuracy.
- Created a real-time tracking interface using JavaScript to allow users to monitor their queue position.

Student Performance Prediction Dashboard | *XGBoost, Pandas, Seaborn* [Source Code]

- Designed a predictive system to classify student performance, achieving ∼85% accuracy using XGBoost.
- Analyzed factors such as attendance and engagement to help educators detect at-risk students early.
- Generated EDA visualizations (heatmaps, charts) using Matplotlib and Seaborn to provide actionable insights.

Internship

AI Internship – Launched Program **July 2025 – Sept 2025**
IIT Kharagpur & Wipro

- Applied deep learning principles by implementing Transfer Learning for image classification using the Keras API.
- Executed and analyzed techniques including Feature Extraction, Fine-tuning, and Data Augmentation.
- Performed full Exploratory Data Analysis (EDA) and built a Linear Regression model on the Housing Prices dataset.

- Proof of Concept: Developed a Simple AI Excuse Generator exploring NLP and text generation.

Certifications

AI Launched Program – IIT Kharagpur x Wipro (2025)
Database Management Essentials – Coursera (2024)
Python Data Structures – Coursera (2023)