

LISHA CHOUDHARY

Purnia, Bihar

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SUMMARY

Aspiring Data Scientist and Software Developer with strong foundations in programming, data analytics, and machine learning. Skilled in Python, SQL, and data visualization, with hands-on experience from hackathons and academic projects. Passionate about solving real-world problems through data-driven and software-based solutions.

EDUCATION

Sathyabama Institute Of Science and Technology

B.Tech - CS with Data Science Specialisation - **CGPA** - 8.2

10/2022 - 10/2026

Chennai, Tamil Nadu

Bright Career School, Purnia

12th | 2019–2021

S V Mandir, Purnia

10th | 2019

PROJECTS

EEG-Based Adaptive Learning System ↗ /Python, Flask, Keras, TensorFlow

- Developed an immersive learning platform integrating **Augmented Reality (AR)** with real-time **EEG brainwave analysis** to adapt content based on user focus levels.
- Implemented a **Unity–Flask–Keras** pipeline for real-time cognitive engagement tracking.
- Built a responsive AR interface that changes dynamically based on learner attention for improved focus and retention.

Bug Tracking System using Machine Learning Techniques ↗ /Python, Flask, MySQL, NLP, Scikit-learn

- Designed and implemented a machine learning–powered bug tracking system automating bug categorization, severity prediction, and duplicate detection.
- Utilized **NLP** for text-based bug report analysis and clustering algorithms to improve triage efficiency.
- Created an interactive dashboard to visualize bug trends and streamline developer workflow.

SKILLS

Programming: Python, C/C++, R, Pandas, NumPy

ML & Analytics: Machine Learning, Deep Learning, Data Preprocessing, Statistics

Web Technologies: HTML, CSS, Flask (API Development)

Tools: SQL, Excel, Power BI, Git

ACHIEVEMENTS/CERTIFICATIONS

* 2nd Place – IDEATHON 2K24 for developing SISTVILA, a software platform for college environments.

* Participated in HACKATHON 2K24 organized by Sathyabama IIC.

* Machine Learning – Coursera (Andrew Ng)

*Python for Data Science – Kaggle