

Santosh Rai

Lucknow, 226016 | +91-9305774055 | raiankur028@gmail.com
linkedin.com/in/raisantoshh | github.com/santoshhhhhhhhh

Internship

Board Infinity Internship (ML & AI)

May 2024 – Jul 2024

- Worked on regression, ensemble learning, evaluation metrics.
- Built and tuned models on Breast Cancer dataset.
- Improved robustness via accuracy, precision, recall, F1-score.

Projects

Heart Disease Prediction

Python, Machine Learning

Nov 2024

- Achieved 91% accuracy with Logistic Regression.
- Implemented HIPAA-compliant encryption, reduced breaches 40%.

Credit Card Fraud Detection

Python, ML

Nov 2024

- Used ML (KNN, SVM, Tree) on 284K+ Kaggle transactions.
- Applied PCA for dimensionality reduction.

Text-to-Speech Bot

Automation Anywhere, Python

Oct 2024

- Converted text to human-like speech using pyaudio.
- Added email alerts for accessibility.

Certifications

ChatGPT Advanced Data Analysis

Coursera

Jul 2024

- EDA, modeling, automation using Python, SQL, ML with ChatGPT.

DP, Greedy Algorithms

Coursera

Apr 2024

- Mastered DP, Divide-Conquer, and Greedy strategies.

Generative AI Primer

Coursera

Feb 2024

- Learned prompt engineering and AI-human collaboration.

Technical Skills

- **Languages:** Python, C, Java, C++
- **Technologies:** VS Code, Colab, Automation Anywhere
- **Libraries:** Sklearn, Pandas, Numpy
- **Domains:** ML, GenAI, RPA, DSA, Scripting, Automata, Calculus

Education

Lovely Professional University

B.Tech CSE, CGPA: 7.02

Sep 2022 – Present
Phagwara, India

RLB Memorial School

Senior Secondary, 81%

2020 – 2021
Lucknow, India

Oxford Model School

Matriculation, 93%

2018 – 2019
Kanpur, India