SRAJAL TIWARI

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LinkedIn   Github   CodingNinjas   Leetcode

SKILLS

Programming skills: C/C++, Python, SQL
Libraries: Pandas, Numpy, Matplotlib, Scikit-learn, Seaborn
Core Competencies: Basics of DSA, Machine learning, Operating System, DBMS
Tools & Platforms: Google Colaboratory, Kaggle, Cursor IDE, MySQL Workbench, VS Code, Docker

EDUCATION

Babu Banarasi Das University, Lucknow
B.Tech in Computer Science and Engineering $$Artificial Intelligence$$
Expected Graduation: 2027 | CGPA: 8.3/10 $$First Year$$

PROJECTS

Spam Email Prediction Model -- GitHub   **April 2025**
Developed a logistic regression model to classify emails as spam or ham, achieving 96.77%
training accuracy and 96.68% test accuracy using Python and scikit-learn.
Applied TF-IDF vectorization to transform email text into numerical features, optimizing
for accurate spam detection. Enhanced model performance through hyperparameter tuning.

Rock vs. Mine Prediction Model -- GitHub   **May 2025**
Developed a logistic regression model to classify sonar signals as rock or mine,
achieving 83.42% training accuracy and 76.19% test accuracy using Python and scikit-learn.
Processed 208 sonar data samples with 60 features, splitting into 90-10 train-test sets
using stratified sampling for balanced evaluation.

Diabetes Prediction Model -- GitHub   **May 2025**
Built a logistic regression model on the PIMA Indian Diabetes dataset using Python
and Scikit-learn, achieving 77% test accuracy through EDA, feature selection, and model tuning.
Compared models and evaluated performance using confusion matrix and classification report.

EXPERIENCE

Artificial Intelligence Intern â **Codec Technologies $$Remote$$**
March 2025 â **May 2025** â **Certificate**
Applied AI concepts including supervised/unsupervised learning and reinforcement learning.
Built and evaluated machine learning models using Python and key ML frameworks.
Participated in real-world AI projects involving data cleaning, preprocessing, and model optimization.

CERTIFICATION

AI Engineer Certification, One Roadmap $$View$$ **May 29, 2025**
Completed projects on supervised and unsupervised learning algorithms.

Python Certification, One Roadmap $$View$$ **May 21, 2025**
Practiced Python programming, data structures, and functional logic.

SQL Certification, One Roadmap $$View$$ **May 21, 2025**
Worked on SQL queries, joins, and real-time database management.

Cyber Security Virtual Experience, Deloitte $$Forage$$ $$View$$ **July 2025**
Simulated threat analysis and cybersecurity risk mitigation tasks.

Data Analytics Virtual Experience, Deloitte $$Forage$$ $$View$$ **July 2025**
Performed data analysis and forensic technology simulations.

ACHIEVEMENTS

Participated in Ninja Slayground 2.0, a competitive coding event by Coding Ninjas.
Attended the Google GDG Program in Lucknow and earned verified participation badges.