

RIYA TYAGI

SHIVAM VIHAR COLONY HOUSE NO 85,86
GHAZIABAD, UTTAR PRADESH , INDIA
CONTACT NO - +91-9520103497
MAIL - riyatyagi20007@gmail.com
LINKEDLN - <https://www.linkedin.com/in/riya-tyagi-549869327/>

CAREER OBJECTIVE

Seeking industry experience to apply my skills in Python, Web Development, and MySQL, while expanding my network and contributing to organizational goals

POSITIONS OF RESPONSIBILITY

CIPHER'S CLUB multimedia team	IEEE CHAPTER tech team	FINANCO CLUB subhead - management team	SPARKS club &relations
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PROJECTS

Ransomware Detection Using AI

Technologies: Python, Oracle Virtual Machine

- Developed an AI-powered ransomware detection tool as part of a 6-member team in Cipher's Club.
- Designed to provide enhanced protection over traditional antivirus by identifying and blocking ransomware activity using intelligent pattern recognition.

Movie Recommendation System

Technologies: Python, Pandas, NumPy

- Built a personalized movie recommendation engine using user behavior and rating datasets.
- Implemented collaborative filtering and data analysis to predict and suggest relevant movies.

Sustainable Fertilizer Usage System – Kheti Badi

Technologies: Python, React, Mozilla APIs, Kaggle datasets

- Developed a web application to recommend optimal fertilizers based on crop and soil input.
- Integrated data sources and machine learning to support sustainable agriculture practices.

Simple Minds – Java-Based Game Website

Technologies: Java, Java Swing, HTML, CSS, JavaScript

- Created an interactive website hosting three games:
 - Sudoku – Enhances logic and memory
 - Flappy Bird – Tests reaction speed
 - Space Pinball – Classic arcade-style entertainment
- Focused on improving coding skills through engaging, real-time gameplay experiences.

SKILLS

Programming Languages: Python, Java

Web Development: HTML

Databases: MySQL

ACHIEVEMENTS

SIH

ranked 81

INTERNSHIP

tare zameen foundation(design)

BU MUN

participation certificate