

TRISHLA MISHRA

Kanpur, Uttar Pradesh

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LinkedIn

Portfolio

EDUCATION

PSIT College of Engineering

B.Tech - CSE (Artificial Intelligence) - CGPA - 7.5

2020 – 2024

Kanpur, Uttar Pradesh

Shri. Vinayak Academy International School

Intermediate - CBSE - Percentage - 74.2%

2019 - 2020

Orai, Uttar Pradesh

Heliger Borden Education Center

High School - ICSE - Percentage - 82.8%

2017 - 2018

Kanpur, Uttar Pradesh

COURSEWORK / SKILLS

- Data Structure and Algorithms (DSA)
- Database Management System (DBMS)
- Artificial Intelligence
- OOPS Concept
- Machine Learning

EXPERIENCE

Machine Learning Intern at Bharat Intern | Machine Learning, Data Science

08/2023 - 09/2023

- Delivered successful ML projects, showcasing strong analytical and problem-solving skills.
- Demonstrated adaptability by swiftly integrating new ML techniques.
- Implemented efficient data preprocessing techniques, enhancing model accuracy in both projects.

PROJECTS

CleverCrypto | Cryptography and Cloud

2023

- Application to provide secure cloud storage on Cloud using Hybrid Cryptography system.
- Used different cryptographic algorithms like RSA, Blowfish, IDEA, DES for encryption and decryption.
- Conducted comprehensive vulnerability assessments for preemptive security measures.
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Stock Analysis | Data Analysis and ML Algorithms

2022

- Fetched Apple and Microsoft stock prices from Yahoo Finance API.
- Used Matplotlib/Plotly for clear stock price visualizations.
- Applied data normalization techniques for fair comparison.
- Implemented linear regression to predict stock price trends.

Smart Irrigation System | IOT Integration and Data Analytics

2021

- Integrated sensors for real-time soil and weather data.
- Developed system for efficient, autonomous irrigation control.
- Incorporated weather forecasts to adapt irrigation plans.
- Enabled remote monitoring and control for user convenience.

TECHNICAL SKILLS

Languages: Python, C, JavaScript, SQL

Technologies/Frameworks: HTML5, CSS3, Django, MongoDB, Express, React, NodeJS, Bootstrap

Developer Tools: VS Code, PyCharm, Google Collab, Canva

CERTIFICATIONS

- AI Primer - Infosys Springboard
- Intro to Cloud Computing - IBM
- Python for Data Science, AI and Development - IBM
- Python Programming : A Practical Approach - IIT Kanpur

EXTRACURRICULAR

- NCC Cadet of UP/55 Batallian
- Active member of various social awareness events.