

Internship

Data Analytics Intern

July 2025 – August 2025

Remote

Unified Mentor Private Limited

- Completed intensive training in Python data analysis using Pandas, NumPy, Matplotlib, and Seaborn.
- Learned Tableau for building interactive dashboards and business data visualizations.
- Applied skills in a hands-on capstone project involving data cleaning, analysis, and dashboard development.
- Gained real-world experience in data storytelling and professional collaboration with mentors and peers.

Projects

AI-Powered Judicial Outcome Prediction & Case Retrieval | Python, BERT, Vector Embeddings, Streamlit

December 2025

- Developed an NLP pipeline using Legal-BERT to predict court outcomes and classify case types accurately.
- Built a semantic search engine with S-BERT to retrieve legal precedents based on factual similarity.
- Deployed a Streamlit web app that automates text extraction and cleaning from complex legal documents.
- GitHub Repository Link: github.com/Mishrilal01/AI-POWERED-JUDICIAL-OUTCOME-PREDICTION-CASE-RETRIEVAL

Crime Trends in Cities| Python, Pandas, Matplotlib, Seaborn, Plotly Dash, Bootstrap, EDA, Data Visualization

April 2025

- Analyzed multi-year city-wise crime data and visualized trends using Python, Seaborn, and Matplotlib.
- Built an interactive dashboard with Plotly Dash featuring dynamic filters, area-wise insights, and geo-mapping.
- Enabled quick analysis of crime patterns by month, area, time, and victim demographics.
- GitHub Repository Link: github.com/Mishrilal01/CRIME-TRENDS-IN-CITIES

Real-Time Memory Allocation Tracker | Python, OOP, Tkinter, Memory Management, Visualization

December 2024

- Built a memory allocation simulator using Python OOP and Tkinter to visualize paging, segmentation, and fragmentation.
- Enabled dynamic process input and live memory updates with a clear, modular GUI structure.
- Presented in class and praised for making OS memory concepts visually understandable and interactive.
- GitHub Repository Link: github.com/Mishrilal01/Real-Time-Memory-Allocation-Tracker

Certifications

Cloud Computing Course

May 2025

NPTEL (IIT KHARAGPUR) — [Certificate Link](#)

Object Oriented Programming

December 2024

Iamneo — [Certificate Link](#)

The Bits and Bytes of Computer Networking

September 2024

Coursera(GOOGLE) — [Certificate Link](#)

Technical Skills

Languages: Python, C++, Java, SQL, JavaScript

Web/Data Technologies: HTML, CSS, MySQL, Excel, Power BI

Skills/ Tools: Git, GitHub, Data Structures and Algorithms, Problem-Solving, DBMS

Achievements

- Solved 500+ DSA problems on LeetCode, improving algorithmic thinking and coding fluency.
- Completed a Power BI workshop and built professional dashboards with dynamic filters.
- Earned multiple LeetCode badges for daily consistency and performance in coding challenges

Education

Lovely Professional University

Since 2023 – Present

Bachelor of Technology in Computer Science and Engineering - CGPA: 8.25

Phagwara, Punjab

Vivekanand Senior Secondary School

2021 – 2022

12th with Science — Percentage: 85

Jodhpur, Rajasthan

Sanskar Public Secondary School

2019 – 2020

10th with Science — Percentage: 73

Jodhpur, Rajasthan

