

## 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

Dec 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](https://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](https://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](https://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+

Phagwara, Punjab

### Vivekanand Senior Secondary School

2020 – 2022

12th with Science — Percentage: 85%

Jodhpur, Rajasthan

### Sanskar Public Secondary School

2020 – 2022

10th with Science — Percentage: 73%

Jodhpur, Rajasthan





