

LORENS MISHRA

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<https://lorensmishra.github.io/lorens-lab/> | <https://github.com/LorensMishra> | <https://www.linkedin.com/in/lorens-mishra>

PROFESSIONAL SUMMARY

Junior Software Engineer with experience in **data analysis, reporting, and dashboard development** using Excel, Power BI, and DOMO. Proficient in **advanced Excel, Power Query, and SQL** for data analysis and reporting. Possesses working knowledge of **Python and Agile project management tools such as Jira**, with a strong focus on **problem-solving and delivering data-driven insights**.

WORK EXPERIENCE

Oct -2025 - Present

Junior Software Engineer | Knack RCM – Hyderabad, Telangana

- Migrated User Performance and Quality reports from Excel to **DOMO using ETL pipelines and Analyzer**, reducing manual reporting effort by ~80%.
- Performed data cleansing, transformation, and validation to ensure data accuracy and reporting consistency.
- Contributed to migration of **PPM-related** dashboards from **CyberQuery to DOMO**, improving reporting efficiency and centralized dashboard access.
- Conducted data quality checks and report validation to maintain reliable datasets for business stakeholders.

Data visualization and BI intern| Owl AI (Overload Ware Labs AI) Jul -2025 – Aug-2025

- Developed **interactive Power BI dashboards** to track sales KPIs, trends, and regional performance.

TECHNICAL SKILLS

- Programming Languages: Python, Java
- Databases: PostgreSQL, SQL Server
- Spreadsheet Tools: Excel
- Data Visualization: Power BI, DOMO
- Project Management: Jira
- Version Control: Git, GitHub
- Machine Learning Libraries: NumPy, Pandas, Scikit-learn, Matplotlib

EDUCATION

Master of Computer Applications (MCA)

GPA: 8.90 / 10 | 2023 – 2025

University of Allahabad – Prayagraj, Uttar Pradesh

Bachelor of Science (Mathematics with Computer Science)

Percentage 69.18% | 2020 – 2023

University of Allahabad – Prayagraj, Uttar Pradesh

TRAINING / CERTIFICATIONS

1. Full Stack Development: PW Skills
2. Essentials Of MS Excel: UniAthena
3. Python Programming: Udemy
4. Advanced MS Excel VBA: Udemy
5. SQL For Beginners: Scaler
6. Power BI For Beginners: SIMPLILEARN

CODING PROFILES

- <https://www.hackerrank.com/profile/mishralorens2121>
- <https://leetcode.com/u/LorensCodes/>

PROJECTS

1. Data visualization and BI intern| Owl AI (Overload Ware Labs AI)

Date: 01/08/25-31/08/2025

- Developed **interactive Power BI dashboards** to track sales KPIs, trends, and regional performance.
- Performed **ETL (Extract, Transform, Load)** and **data modeling** to convert raw data into actionable insights for strategic decision-making.

Technologies: Power BI, DAX, Power Query

2. Database Management System and SQL

Date: 10/10/25-Current

- Developed a structured **DBMS and SQL practice repository** covering database concepts, schema design, table relationships, joins, subqueries, CTEs, window functions, and advanced interview-level SQL queries.
- Built **300+ SQL practice queries** including SELECT, GROUP BY, JOINS, subqueries, ranking, recursive CTEs, and business KPI-based analytical queries.

Technologies: PostgreSQL, SQL, MySQL Workbench, Visual Studio Code

3. House Price Prediction using Machine Learning

Date: 01/12/24-28/02/25

- Built a **machine learning model** using **Python, Pandas, and Scikit-learn** to predict house prices.

Technologies: Python, Pandas, Scikit-learn

4. Data Analytics & Reporting Projects

- **Excel Dashboards**
- **Jira Project Management Notes**
- **SQL Projects**

ADDITIONAL DETAILS

- UGC NET Qualified (Computer Science), 2025 – Demonstrated strong subject expertise and research capability.
- Python Beginner Level Champion (2025), & SQL Beginner Level Novice – Top performer in a proctored Python assessment demonstrating strong programming fundamentals.

SOFT SKILLS

- Communication proficiency, Adaptability and problem solving, Statistical analysis skills, Mathematical foundations,