

# Mahasweta Talik

SQL Developer Intern

*mahaswetatalik@gmail.com*

*www.linkedin.com/in/maha28sweta*

*Bhubaneswar, Odisha | +91-8777467809*

Results-driven data analyst with expertise in web scraping, data structuring, and workflow optimization. Adept at extracting insights using Python and integrating data for analysis.

## Education

**Kalinga Institute of Industrial Technology**

Aug 2023 – Aug 2027

**Bachelor of Engineering** Computer Science and Engineering

Relevant Coursework: Operating Systems, Database Management Systems, Machine Learning

GPA: 9.52

## Projects

**Tracking Student's Mental Health Trends**

May 2025

- Developed a sentiment analysis framework using Python, SQL, and Power BI to identify stress patterns.
- Designed ML-based assessment models, enhancing early intervention strategies.
- Built data visualization dashboards, supporting real-time mental health monitoring.

**Banking System – Risk Analysis**

May 2025

- Developed a risk assessment model to identify vulnerabilities in banking operations.
- Integrated predictive analytics with SQL and Power BI, strengthening financial security.
- Built data-driven risk monitoring dashboards, enhancing real-time threat detection.

## Work Experience

**SQL Developer Intern**

Jan 2025 – Mar 2025

*Main Flow Services and Technologies Pvt. Ltd. | Noida*

- Optimized SQL queries and indexing strategies, enhancing database performance by 40%.
- Implemented secure database authentication, improving both performance and security.
- Designed and implemented complex stored procedures and triggers, streamlining workflow automation.
- Designed optimized SQL solutions, enhancing data retrieval efficiency and analysis speed.

## Core Skills

SQL, Python, Statistics, ETL, Web Scraping, Interactive Data Visualization using Power BI & Matplotlib, Java, Data Structures & Algorithms, Data Cleaning & Transformation, Tools & Technologies : Power BI, Excel, Jupyter Notebook, VS Code, Git, GitHub

## Achievements

**Common Internship Test(CAT) Qualification**  
Internship Studio

May 2025

-All India Rank of #2930, standing out among thousands of candidates. -Scored 51, ranking top 10% nationwide in analytical and technical proficiency.

## Certificates

**Career Essentials in Data Analysis by Microsoft and LinkedIn-**  
Microsoft

Jan 2025

**Python 101 for Data Science -**  
IBM Cognitive Classes

Jul 2024