# Riya Mishra

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## PROFILE

Eager and detail-oriented individual with a strong academic foundation in data science, seeking an internship in a dynamic data role. Proficient in statistical analysis, data visualization, and programming languages such as Python and SQL. Possessing a keen analytical mindset, I am enthusiastic about applying theoretical knowledge to real-world data challenges. Motivated to contribute to a collaborative team, I bring a proactive approach and a commitment to continuous learning.

## EDUCATION

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| Pursuing | **Btech** <br> *Silver Oak University* <br> CGPA: 8.44 |
| 2021 | **Diploma** <br> *Alpha College of Technology* <br> CGPA: 7.98 |

## SKILLS

**Machine Learning Fundamentals**
Exploratory Data Analysis, Data Visualization, NumPy, Pandas, ML Algoriths: SVM, KNN, Decision Tree, Regression

**Deep Learning**
ANN, CNN

**Computer Vision**
Image detection & Classification

**Languages**
Python, Framework - Flask

**Data Structure & DBMS**
SQL

**Competencies**
Analytics, Communication, Critical Thinking

**Cloud Computing with AWS**
EC2, Lambda, S3, RDS, API, IAM and Rekoginition

## PROJECTS

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| 2023 | **Empty Shelf Detector** <br> As the project lead for "Empty Shelf Detection," I spearheaded the development of a groundbreaking technology harnessing computer vision and artificial intelligence. This innovative system swiftly detects and notifies store personnel of empty or understocked shelves, revolutionizing retail operations. In this presentation, I delve into the project's seamless implementation, elucidate its myriad benefits, and highlight its tangible impact on enhancing customer satisfaction and optimizing inventory management within the retail sector. This transformative technology marks a significant step towards an efficient and customer-centric shopping experience. <br><br> **"Empty Shelf Detection" project utilizes technologies such as:** <br> **Computer Vision, Machine Learning, Image Processing, Notification Systems, Data Analytics** |

## INTERNSHIP

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|---|---|
| 01/2024 – present | **Python with AI developer intern** <br> • Developed an application for enhancing Security and Operational Efficiency through **Pre-Incident Detection** and **Real-Time Surveillance**. <br> • Trained model on **Custom dataset** to detect person, covered/uncovered faces and weapons using YOLO. <br> • Technologies: **Streamlit, YOLO**. |

## CERTIFICATES

• Volunteered Smart India Hackathon