

# Priyanshu Mohanty

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## EDUCATION

### Vellore Institute of Technology

B.Tech - Computer Science & Engineering, 8.69 CGPA

Vellore, IND

July 2019 – July 2023

### Loyola School

Primary & Senior Secondary Education, 96.6% (10th), 96% (12th)

Jamshedpur, IND

2006 – 2019

## EXPERIENCE

### Data Science Intern

Tata Steel

May 2022 – June 2022

- Derived **15 solid data-driven insights** for a dataset of **Tata Steel Digie-Shala** website, which provides training resources to employees.
- Liaised with the **Analytics and Insight Wing** and made use of tools like **Python, Numpy, Pandas, Matplotlib**, etc, for **extracting trends, patterns and information of sales**.

### ML Intern

Feyn Labs

March 2022 – May 2022

- Developed a solo AI product which detects whether drivers are drowsy or not, making use of **CV and image processing in Python**.
- Partook in a group project for **medical market segmentation** based on **unsupervised machine learning technique of K-Means clustering**.

### Open Source Contributor

GirlScript Winter of Code

Sep 2021 – Dec 2021

- Contributed to technical documentation on **Data Science with Python, Java, Cybersecurity**.
- Taught skills on **Java** and made impact to over **50 people** in the team.

## TECHNICAL SKILLS

**Languages:** Java, Python, SQL, HTML, CSS

**Developer Tools:** Git, VS Code, PyCharm, IntelliJ, Eclipse, Linux, Burp Suite, Packet Tracer, Wireshark

**Libraries:** Pandas, NumPy, Matplotlib

**Domains:** Cybersecurity, DSA, Problem Solving, Artificial Intelligence, Machine Learning

## PROJECTS

### Driver Drowsiness Detection System | *Python, Numpy, CV, XML, Keras*

[\[Repository Link\]](#)

- Developed a minimalistic system for detecting drowsiness using AI.
- Used techniques of **convolutional neural networks** for testing and training.
- Leveraged aforementioned tools to alert driver, if they're closing eyes for prolonged periods of time.

### Movie Recommendation System | *Python, HTML, Flask, CSS, JavaScript, AJAX*

[\[Repository Link\]](#)

- Built a **recommendation system** using **cosine similarity** proponent.
- Added **sentiment analysis** of user reviews through **web-scraping** of 1000s of databases, performed by **Naive-Bayes theorem**.
- Used **Ajax** for automatic recommendation options for a search of movies.

### Online Product Sales Analysis | *Python, Numpy, Pandas, Matplotlib, Seaborn*

[\[Repository Link\]](#)

- Derived insights for **Tata Digie-Shala** sales on Founder's Week.
- Analyzed **CSV data** and leveraged **Python** its libraries to perform **data cleaning, exploratory data analysis, data analytics and data visualization tasks**.

## CERTIFICATIONS & ACHIEVEMENTS

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**Artificial Intelligence Foundations** (NASSCOM)

**Hackerrank Profile** : Java (Basic & Intermediate) Certified, Gold Star In Java, SQL; Silver Star In C/C++

**Introduction to Cybersecurity** (CISCO)

**Geeksforgeeks Profile**: Solved Problems On A Streak, Rank: 248/14343 among all users of VIT.

**GitHub**: Achieved status of **pull shark** on GitHub by virtue of multiple PRs being merged.

**LeetCode**: 2\* on the platform (July 2022) and among **top 30%** and **top 25%** of registered users to have **successfully** solved medium and hard labelled problems. **Others**: [URL To Misc.](#)