

# VIVEK THAKUR

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## Professional Summary

I'm a passionate machine learning enthusiast with a solid foundation in Python, data analysis, and ML algorithms. B.tech, I've built projects using Scikit-learn, Pandas, and NumPy, and enjoy turning data into real-world solutions. I'm eager to apply my skills, learn from experts, and grow as an ML engineer through hands-on internship experience.

## Technical Skills

**Programming Languages:** Python, Java, C++, HTML, CSS, Javascript

**Database Technologies:** MySQL, MongoDB

**Frameworks & Libraries:** Flask, NLP Libraries, Machine Learning Libraries, Django .

**Data Visualization Tools:** Tableau, Microsoft Power BI

**Machine Learning:** Natural Language Processing , Scikit-learn

**Web Technologies:** HTML, CSS, JavaScript, Flask

**Programming Tool:** Vs code , Jupiter NoteBook , Colab , Pychame

**Languages:** English, Hindi

## Education

### Lamrin Tech Skills University

Bachelor of Technology in Computer Science

Ropar, Punjab

Aug 2023 – Present

- **Relevant Coursework:** Data Structures & Algorithms, Object-Oriented Programming, Web Development, Database Systems, Operating Systems, Machine Learning , Deep Learning

### Marwari High School

10+2 (Intermediate)

Ranchi , Jharkhand

Aug 2021 – Mar 2023

## Experience

### Glamsprout | web Developer Intern

- Built a responsive, multi-service website for Glamsprout covering events, portfolios, and web/app development.
- Used HTML, CSS, JS, and Bootstrap for clean UI and smooth navigation.

### Hexa Software | Machine Learning Intern

- Selected for a 1-month remote machine learning internship at Hex Softwares.
- Applied ML concepts to real-world projects, enhancing hands-on experience and industry readiness

## Projects

### [YouTube Comment Spam Detection System](#) / Python, NLP, Rule-Based Filtering, HTML, CSS, JavaScript, Flask

- Implemented Machine Learning models with Natural Language Processing to analyze comment patterns and context for accurate spam detection
- Built responsive web interface using HTML, CSS, and JavaScript for seamless user interaction with the detection system

### [super-market-report](#) / Python , PowerBi

- Created an interactive dashboard to track sales performance, customer trends, and product insights using Power BI, Power Query, and DAX.

### [Blinkit-Data\\_analysis](#) | Python , Matplotlib , Pandas and Numpy

- Created an interactive sales analysis dashboard for Blinkit using Python libraries (Pandas, Matplotlib, Seaborn) to visualize sales performance, customer trends, and product insights.

## Core Competencies

**Machine Learning & AI:** Hands-on experience with NLP, recommendation systems, and predictive modeling techniques

**Full-Stack Development:** Capable of building end-to-end web applications using modern frameworks and technologies

**Data Analytics:** Skilled in data visualization and business intelligence tools for generating actionable insights

**Problem Solving:** Strong analytical mindset with proven ability to tackle complex real-world challenges through innovative solutions

## Certifications

Java , Power Bi , Python , Machine Learning