

# ASTHA SINGH

astha6743@gmail.com | 8303389446

Enthusiastic and detail-oriented data analytics graduate with a strong foundation in Information Technology , data visualization, and machine learning. Proficient in **Python**, **SQL**, and **Power BI**, with hands-on experience in data cleaning and predictive modeling. Seeking an entry-level data analyst role to apply analytical skills and provide data-driven insights for business growth.

## AREA OF EXPERTISE

### 1. Programming & Tools

- Python (Pandas, NumPy, Matplotlib, Seaborn)
- SQL (Joins, Queries, Data Extraction)
- Excel (Pivot Tables, VLOOKUP, Macros)

### 2. Data Visualization & Reporting

- Power BI
- Google Cloud/ AWS
- Matplotlib & Seaborn

### 3. Machine Learning (Basic Level)

- Regression & Classification Models
- Clustering (K-Means, DBSCAN)
- Model Evaluation & Validation

## INTERSHIP

### • AICTE- Internship on AI:

**A joint CSR initiative of Microsoft & SAP, focusing on AI Technologies.**

**Feb 2025 - Current**

Pursuing an AI-focused internship under the TechSaksham Initiative by Microsoft & SAP, gaining hands-on experience in Artificial Intelligence and Machine Learning.

### • AICTE Cybersecurity Virtual Intership

**July 2022 - Sept 2022**

Completed a virtual internship in Cybersecurity, gaining hands-on experience in threat detection, risk assessment, and security best practices.

## EDUCATION

### • Dr. Babasaheb Bhimrao Ambedkar University (A Central University)

**Aug 2024 - Current**

Pursuing M.sc in Information Technology

### • National Post Graduate College An Autonomous, NAAC Grade 'A' College

**May 2020 - May 2023**

Bachelors of Computer Application (BCA)

## PROJECTS

### • AI-powered Resume Screening and Ranking System

Developed an AI-powered system to automate resume screening and ranking based on job requirements using Natural Language Processing (NLP) and Machine Learning.

### • Implementation of AI-Powered Medical Diagnosis System

Developed an AI-driven system to assist in medical diagnosis by analyzing patient symptoms and predicting possible diseases using Machine Learning and NLP.

### • HIGHWAY ASSIST

Developed a React-based web application to assist drivers with real-time highway navigation, Nearby Services, and traffic updates.