

# ADITYA BHATNAGAR

## AI/ML Engineer

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### SUMMARY

Enthusiastic about **AI** and **ML**, I specialize in **Python**, **AI**, **NLP** and **ML**, utilizing **TensorFlow**, **OpenCV**, and **Scikit-Learn** for **Deep learning** projects. With Four years of **C** and **C++** programming experience, I have a strong foundation in **DSA** and **problem-solving**.

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### WORK EXPERIENCE

Intern/Trainee , REGex Software Services

Feb 2024 - July 2024

- Explored **ML** and **DL** principles, including supervised/unsupervised learning, **Neural Networks**, optimization algorithms, and **NLP**.
  - Proficient in **Linux OS** fundamentals, **Git**, **GitHub**, and **Python** programming, particularly the libraries of **Pandas** and **Numpy**
  - Leveraged Amazon **SageMaker** for deploying and managing **ML models** on **AWS**.
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### PROJECTS

#### Number Plate Detector

- Creating an advanced image detection system inspired by cutting-edge technologies. The goal is to accurately **detect the number plate of a vehicle with precision from a live video or CCTV feed**

#### Movie Review Analyzer

- Creating an advanced application that performs **sentiment analysis** on movie reviews scraped from IMDB, using **BeautifulSoup**, **TextBlob**, and **Scikit-learn** for **data preprocessing**, **model training**, and **model evaluation**.
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### EDUCATION

Bachelor of Technology in Artificial Intelligence Engineering

2020 - 2024

B.K. Birla Institute of Engineering and Technology, Pilani

- Aggregate CGPA - 8.14
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### ADDITIONAL INFORMATION

- **Technical Skills:** **AI** | **ML** | **NLP** | **SQL** | **C** | **C++** | **Python** | **HTML** | **CSS** | **JS** | **DBMS**
- **Languages:** English, Hindi
- **Certifications:** IBM's Python for Data Science, AI and Development | CYBER SECURITY WORKSHOP
- **Activities:** I have a keen interest in **Image Processing**, **Photography**, **Cinematography**, **Image Editing**