**Aditya Bhatnagar**  
AI Engineer | Python Developer

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[LinkedIn profile](https://www.linkedin.com/in/aditya-bhatanagar-67a233204/)

[GitHub profile](https://github.com/Aditya6023)

[My Website](https://aditya6023.github.io/Portfolio_Website/)

**Professional Summary**

AI and ML engineer with a robust foundation in Python, NLP, and machine learning, coupled with extensive experience in C and C++. Proficient in using TensorFlow, OpenCV, and Scikit-Learn for deep learning projects. Adapted in deploying ML models on AWS. Additionally skilled in Cinematography and image processing, with hands-on experience in video editing and photography. Strong problem-solving abilities and a keen interest in integrating technology with creative arts. Proficient in using new emerging tools like Chat GPT and writing to the point prompts for accurate results. **Skills**

**Programming Languages**: Python, C, C++ **Web Development**: HTML, CSS, JavaScript

**AI**: Machine Learning, Deep Learning, NLP, Scikit-learn, OpenCV **Version control**: Git, GitHub

**Cloud Technologies**: AWS, WATSON(IBM) **Operating Systems**: Linux, Windows, Ubuntu

**Databases**: SQL, MySQL, SQLite 3 **Frameworks**: TensorFlow, Keras, PyTorch

**Prompt Tools: Chat GPT, Perplexity, Adobe** Firefly **Web Framework**: Flask, Django   **Work History**

**Machine Learning Intern**  
REGex Software Services, Jaipur | [02/2024] – [08/2024]

* Explored machine learning and deep learning principles including supervised and unsupervised learning, neural networks, optimization algorithms, and natural language processing.
* Proficient in Linux OS fundamentals, Git, GitHub, and Python programming, especially Pandas and NumPy.

**Creative Member**  
Microsoft Student Club, BKBIET Pilani | [02/2021] – [06/2024]

* As a member of the Microsoft Student Club, I collaborated with my team to organize Zenith, a 3-day college event focused on technology and innovation named Zenith.
* In addition to this, I had a particular role for conducting tech workshops, helping students enhance their skills and stay updated with the latest technological trends

**Education**

**Bachelor of Technology in Artificial Intelligence**  
BK Birla Institute of Engineering and Technology, Pilani (Raj.) | [10/2020] – [06/2024]

* Relevant Coursework: Artificial Intelligence, Machine Learning, Data Structures, Computer Vision
* Developed a real-time number plate detection system using OpenCV and Python for use in security applications.
* Aggregate CGPA: 8.09

**Projects**

**OSINT Tool: “Echo3-1”**

* Developing an OSINT tool utilizing AI, machine learning, Face recognition and web scraping techniques to extract and analyse data from different social media platforms for enhanced investigative insights on user behaviour patterns.

**Number Plate Detection System**

* Developed a real-time number plate detection system using OpenCV, Python, Machine Learning and Deep Learning for use in security applications.

**Movie Review Analyzer**

* Built a sentiment analysis tool for IMDb movie reviews using the technologies of Python, Natural Language Processing, Beautiful Soup, Text Blob, Scikit-Learn

**Certifications**

* IBM’s Python for Data Science, AI, and Development
* Cyber Security Workshop