

# DHANANJAY GUPTA

AI/ML | DATA SCIENCE ENGINEER

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Driven and results-oriented professional with a strong foundation in Python programming, databases, and core principles of AI and ML. Passionate about designing and deploying AI-powered applications to solve real-world problems. Seeking a challenging and dynamic role to contribute innovative solutions, enhance system performance, and continuously expand technical expertise in a fast-paced, growth-oriented environment.

## EDUCATION

### MASTER OF COMPUTER APPLICATION

Babu Banarasi Das University, Lucknow, U. P. India  
(September 2024 – June 2026 | SGPA 7.6)

### BACHELOR OF COMPUTER APPLICATION

Babu Banarasi Das University, Lucknow, U. P. India  
(October 2020 – June 2023 | SGPA 8.9)

## WORK EXPERIENCE

### AI engineer intern | IBM virtual internship

(23 June 2025 – 20 July 2025)

Completed an AI-focused internship organized by IBM, where developed Watson Book Buddy — an intelligent chatbot built using Watsonx Assistant. The chatbot recommends books based on user interests, mood, and genre preferences. Utilized React for the frontend, Python with Flask for the backend API integration.

**PROJECT LINK** - <https://github.com/siddharthgupta441/watson-book-buddy-chatbot.git>

## TECHNICAL SKILLS

- **Programming Languages:** Python
- **AI/ML Frameworks & Libraries:** Scikit-learn, Pandas, NumPy, OpenCV, Matplotlib, Seaborn, TensorFlow
- **Web Development:** HTML, CSS, JavaScript, Bootstrap, TailWind CSS, React
- **Database Management Systems:** MySQL, MongoDB, PostgreSQL
- **Cloud Computing:** Amazon Web Services (AWS)
- **Other Technologies:** MATLAB, LLM, RAG.

## PROJECTS

- **Stock price predictor:** NLP-based particular stock price prediction on real-time
- **GYAN-AI chatbot:** A chatbot assistant for navigating government schemes
- **Face Recognition System:** OpenCV-based recognition system
- **Watson book buddy chatbot:** AI-based book recommendation chatbot
- **Fruit classification Using Image:** ML-based image classification project
- **Vehicle Service Station:** Web portal (Java Full Stack)

**PROJECTS LINK** - <https://github.com/siddharthgupta441?tab=repositories>

## CERTIFICATIONS

- **IBM AI internship program**
- **SQL intermediate** - Hackerrank
- **MongoDB with python**
- **Software engineering simulation** - JPMorgan Chase & Co
- **Artificial Intelligence fundamental** - IBM
- **PostgreSQL** - IIT Bombay

## AREAS OF INTEREST

- Natural Language Processing (NLP)
- Neural Networks
- Artificial Intelligence (AI) and Machine Learning (ML)
- Secure Cloud Computing systems

## STRENGTH

- Strong Problem-solving abilities
- Effective teamwork and leadership skills
- Quick learner aptitude
- Solid foundation in practical implementation