

## Nikhil Yadav

Sitare University with SRMU, Lucknow, India  
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### Education

**B.Tech, Computer Science, Sitare University**

*Course Completion - May '26*

*Relevant Coursework: Python Programming, Java Programming, Object Oriented Programming Concepts, Advanced Data Structures and Algorithms, Artificial Intelligence, Database Management Systems, Machine Learning.*

### Technical Skills

Programming Languages: Python, Java, JavaScript.

Web Technologies: HTML, CSS, Flask, ReactJs.

Database Management: MongoDB, MySQL, PostgreSQL.

Tools and Technologies: Linux, Pandas, Postman, Git, GitHub, Selenium, Scikit-learn, Matplotlib.

### Work Experience

*Data analyst, Moglix, Noida*

*May '24 - Aug '24*

- **Data Scraping** : Manual and inefficient product data collection process.
- **Web Scraping Automation** : Developed scripts to extract product details, reviews, and URLs efficiently.
- **Enhanced Data Pipeline** : Automated large-scale data extraction, reducing manual effort.
- **Tools & Technologies** : Python, Selenium, BeautifulSoup, Flask, MongoDB, Postman, Gemini AI.

### Projects

#### Bhagwat Gita RAG

- Secured [5th position](#) in a hackathon for developing a RAG system to answer Bhagwat Gita queries by retrieving verses.
- Technologies: Flask, PostgreSQL, LLaMA 3.1, SentenceTransformers, NLP concepts.

#### ML Chatbot

- This IR system processes ML queries, retrieves relevant documents, and summarizes them using LLaMA 3.1
- Technologies: Flask, PostgreSQL, LLaMA 3.1, SentenceTransformers and scikit-learn.

#### JobCatch

- ML platform for job prediction, resume creation, and interview prep with job data scraped from other platforms.
- Technologies: Flask, scikit-learn, Selenium, BeautifulSoup.

#### NewsAnalyser

- Extracts and analyzes news content with word count and reading time.
- Technologies: Flask, BeautifulSoup, Python, HTML, CSS.

### Extracurricular Activities

Coordinator - Weekly TechNews, Sitare University.

*Oct '24 - Present*

Member, ACM Chapter, Sitare University.

*Jan '25 - Present*

### Scholarships

100% B.Tech CS Scholarship, Sitare Foundation

*Oct '23 - Present*