

Sameeksha Shrivastava

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Location: Greater Noida, India



Profile

Final-year B.Tech Biotechnology student with practical experience in Python, SQL, full-stack development, and machine learning. Skilled in working with cloud APIs, deploying applications, and operating in Agile environments.

Education

B.Tech in Biotechnology Noida Institute of Engineering and Technology, UP CGPA: 7.89 / 10	2021 – 2025
Senior Secondary (Class XII) Gaya College, Bihar — 77%	2019 – 2020
Secondary (Class X) Manav Bharti National School, Bihar — 87.4%	2018 – 2019

Technical Skills

Languages: Python, SQL, R, HTML, CSS, JavaScript
Frameworks: Flask, LangChain
Tools: VS Code, Power BI, KNIME, Colab, Jupyter, MySQL Workbench, Git
Concepts: Full-Stack Development, Machine Learning, API Integration, Agile
Cloud/Other: GitHub, Vercel, Excel, arXiv API, PyPDF2

Projects

- **ML-Based Crop Recommendation System:** Developed a recommendation model using Random Forest to suggest optimal crops based on soil and weather conditions.
Tech Stack: Python, Machine Learning, KNIME
- **AI Research Assistant:** Designed a tool that fetches, summarizes academic papers, and answers user queries using large language models.
Tech Stack: Python, LangChain, Gradio, Qdrant, arXiv API

Certifications

- Introduction to Python Programming — Coursera
- Introduction to Artificial Intelligence — Coursera
- Python Basics — Coursera
- Bioinformatics Methods I — Coursera

Soft Skills

Problem Solving, Leadership, Critical Thinking, Communication, Team Collaboration, Fast Learning

Interests

Tech Blogging, Coding Challenges, UI/UX Design, Singing, Writing