

SAKSHI TIWARI

Jaipur, Rajasthan, India-302001

+91 8529565584 | sakshi8529@gmail.com | [SakshiTiwari](https://www.linkedin.com/in/SakshiTiwari) | [SakshiTiwari07](https://github.com/SakshiTiwari07)

Profile Summary

Dynamic proactive web-based application developer. I have hands-on experience with the Django Framework and Django Rest Framework. I enhanced my knowledge with my well-experienced mentors and I'm eager to learn new things to learn and increase my knowledge and technical skills.

Technical Skills

Languages: Python, C++ , Javascript
Framework: Django, Django Rest Framework
Cloud technologies: AWS EC2, AWS S3,
Database: PostgreSQL, MySql
Tools and Technologies: HTML, CSS,GIT, Docker, Postman

Experience

Piatrika Biosystems - Django Developer

- January 2024 - Present

- Proficient in server-side technologies, including databases and RESTful APIs
- Skilled in setting up Python REST API frameworks to develop robust and scalable web applications
- Integrated third party APIs for better and efficient data
- Implemented dynamic PDF generation in Django using ReportLab, enabling automated creation of detailed reports directly from backend data
- Implemented CSV upload feature to allow bulk data import for organizations, streamlining data entry and management.

Piatrika Biosystems - Intern

- August 2023 - January 2024

Projects

Crop Management System

The Crop Management System (CMS) is a modern digital tool created to help farms manage crops more efficiently. It automates and enhances tasks related to crop care and monitoring. The system aims to improve the use of resources, simplify farming processes, and support decisions based on data.

Plant Breeding Trial System

The Plant Breeding Trial System (PBTS) is a platform used to manage and analyze plant breeding and chemical trials. It helps researchers monitor experiments, assess fertilizers and pesticides, and optimize crop inputs, enhancing decision-making, yield analysis, and overall efficiency in agricultural research.

Digital Photo Album App

Developed a dynamic photo album web application using Django as the back-end framework, allowing users to upload, store, and organize images efficiently. Integrated AWS S3 Buckets for scalable and secure cloud storage of images, ensuring high availability and optimized retrieval.

MCQ Online Test platform

The app can allow users to take online tests, submit answers, and receive feedback on their performance. The Django admin panel can be used to manage the test questions, user accounts, and test results. The application can also include features like authentication and authorization.

Education

JECRCUniversity, Jaipur, India
Bachelor of Technology in Computer Science & Engineering

July 2023
8.03 CGPA

Certificates

Coursera -Web Application Technologies and Django
Coursera - Data Structure and algorithm