# LAKSHAY

**Software Developer**

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## SUMMARY

Software Developer specializing in Django Full Stack Development, leveraging expertise in REST APIs and MVT architecture to build and deploy innovative, scalable web solutions.

## WORK EXPERIENCE

**Full Stack Developer**
**Cincooni Systems Private Ltd.**

December 2024 - March 2025

- Designed and implemented Django models, views, and templates for scalable web applications.
- Developed RESTful APIs using Django REST Framework with proper authentication and CRUD operations.
- Optimized MySQL queries and database schemas, reducing API response time by 15% and improving overall application performance.
- Deployed applications using Docker containerization in an agile development environment.
- Maintained code quality through Git version control, code reviews, and unit testing.
- Implemented responsive UIs using HTML/CSS integrated with Django templating.

## PROJECTS

**SecureShare (Pyhton)**

- Engineered a secure file-sharing app with token-based authentication in **Django**.
- Architected a Python module with Gemini AI to automate document analysis, cutting content review time by an estimated 40%.
- Created REST APIs for file transfer, with access control and audit logging.
- Integrated PostgreSQL for storage and enforced backend file validation policies.
- Deployed in a Dockerized environment with Git version control and CI flow.

**Task-Master (Python)**

- Developed a RESTful API for a to-do application using **FastAPI**, enabling asynchronous request handling and CRUD operations.
- Integrated SQLAlchemy for ORM, Pydantic for data validation, and implemented dependency injection for efficient database session management.
- Containerized the full-stack application using Docker and Docker-Compose, creating a reproducible environment for development and deployment
- Created a user interface with HTML, CSS, and JavaScript that interacts with the FastAPI endpoints.

**Blood Bank Management System (Python)**

- Developed a role-based **Django** web app for managing blood donors and receivers.
- Built RESTful APIs with Django REST Framework and optimized SQL queries.
- Engineered dynamic search functionality and a custom admin dashboard, leading to more efficient data retrieval and management for administrators
- Containerized the app using Docker and followed Agile development workflow.

## SKILLS

- Backend Development: Python, Django, Django REST Framework, API Development, ORM
- Web Technologies: Full Stack Development, RESTful Services, HTML/CSS
- Database & Infrastructure: SQL, MySQL, Docker
- Developer Tools & Methodologies: Git/GitHub, MVT, Agile, Test-Driven Development
- **Gen AI** & Tools: GitHub Copilot, ChatGPT, Google Gemini, Claude, AI-Assisted Development
- Foundational Skills: Data Structures & Algorithms, AI/ML Concepts

## EDUCATION

- Bachelor of Computer Applications (BCA) with specialization in Artificial Intelligence & Machine Learning SGT University, Gurugram │ 2022 – 2025 │ 8.70/10 CGPA
- Higher Secondary Education (12th) │ CBSE Board │ 2021-2022
- Secondary Education (10th) │ CBSE Board │ 2019-2020

## EXTRACURRICULAR ACTIVITIES

- Played in the AIU National Chess Tournament 2023 on behalf of SGT University
- Presented the Blood Bank Management System at I-SHINE 2025, an international technical summit hosted by SGT University.
- Contributed to an open-source project on GitHub.