

LAKSHAY

Software Developer

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SUMMARY

Software Developer specializing in Backend API Development with Django and Django REST Framework, building scalable, high-performance RESTful services and database-driven applications.

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 Django ORM queries using select_related and prefetch_related, reducing API response time by 15% and improving overall application performance.
- Built an AI-powered resume-JD matching system using sentence-transformers embeddings and MongoDB vector storage.
- Maintained code quality through Git version control, code reviews.
- Implemented responsive UIs using HTML/CSS integrated with Django templating.

Web Application Security Intern

Bharti Airtel Ltd. (Two Tenures): Jul 2024 - Sep 2024; Jul 2023 - Aug 2023

- Analyzed backend application logic and API endpoints to identify security vulnerabilities, working closely with development teams to implement secure coding practices.
- Tested and validated RESTful APIs for authentication, authorization, and data validation vulnerabilities in a Linux server environment.
- Documented security best practices for Web applications, including SQL injection prevention and secure session management.

PROJECTS

SecureShare (Python)

- Engineered a security-first, AI-enhanced file-sharing platform to solve the problem of auditable and time-sensitive document transfers.
- Designed and developed a secure, token-based download system featuring single-use, expiring links to ensure data privacy and prevent unauthorized access.
- Integrated Google's Gemini AI to automate document analysis, a feature that reduced content review time by an estimated 40%.
- The application was developed with Django and PostgreSQL and deployed on Render.

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, FastAPI, API Development, ORM
- Web Technologies: Full Stack Development, RESTful Services, HTML/CSS
- Database & Infrastructure: SQL, PostgreSQL, MySQL, MongoDB, 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.