UDAY SHARAD RASAL

Software Developer | Full Stack Development | Python, Django, ReactJS, REST APIs

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SUMMARY

Software Developer Intern with hands-on experience in full-stack web development across ReactJS frontend, Python/Django backend, Django REST Framework (DRF) APIs, and MySQL, currently working on a School ERP with **5 role-based portals**. Experienced in frontend–backend integration, API testing with Postman, functional testing, and debugging, with authentication, CRUD operations, and role-based functionality in Django projects. Uses Git and GitHub for version control; basic knowledge of Data Structures and Algorithms.

TECHNICAL SKILLS

Programming Languages: Python, JavaScript, SQL

Frontend Development: ReactJS, HTML5, CSS3, Bootstrap, jQuery, AJAX

Backend Development: Django, Django REST Framework (DRF), Django ORM, REST APIs, CRUD Operations, Authentication, Authorization, Role-Based Access Control (RBAC)

Database: MySQL, Database Design, SQL Queries, Database Management, Query Optimization

Testing and Tools: Postman, API Testing, Functional Testing, Debugging, Form Validation, Git, GitHub, VS Code

Computer Science Fundamentals: Basic Data Structures & Algorithms — Arrays, Strings, Lists, Dictionaries, Searching, Sorting, Time Complexity

WORK EXPERIENCE

Esaplling Private Limited — Software Developer Intern *18 May 2026 – Present*

- Build ReactJS frontend features and components for a School ERP with **5 role-based portals**—Principal, HR, Teacher, Parent, and Transport.
- Connect React components to Django REST Framework APIs to exchange and display application data, and update and maintain Python/Django backend API functionality.
- Test API endpoints in Postman, verifying request methods, response data, status codes, validation, and error handling where applicable.
- Debug frontend–backend integration issues, confirming that components display the correct data from the APIs.
- Work on **4 MySQL-backed ERP modules**—Leave Management, ID Card Management, Announcements, and Mailbox/Notifications—and perform functional testing, maintenance, and bug fixes, including in the Q&A Forum and Transport Reports modules.

Web Asha Technologies — Backend Developer Intern *15 June 2025 – 15 December 2025*

- Built Python/Django backend modules—including models, views, and authentication workflows—during a **6-month** internship.
- Integrated REST APIs using Django REST Framework to support user data exchange and core application workflows.
- Designed MySQL database structures for Django-based web applications to support reliable data management.
- Connected Django backend features to HTML, CSS, JavaScript, and Bootstrap interfaces for full-stack delivery.
- Debugged application issues and optimized database queries and schemas to improve the performance and maintainability of Django applications.

PROJECTS

Novena App — Appointment Management Web Application | GitHub: github.com/rasaluday/NovenaAppProject

- Engineered a full-stack Django appointment management application supporting **100+ users**.
- Implemented user authentication and an appointment booking workflow.
- Built REST APIs with Django REST Framework and MySQL-backed data management for core application workflows.
- Delivered a responsive HTML, CSS, Bootstrap, and JavaScript frontend with an admin panel for application management.

E-Learning Platform — Django Web Application | GitHub: github.com/rasaluday/EducenterProject

- Developed a Django-based e-learning application with user registration, authentication, course browsing, and course enrollment.
- Implemented progress tracking within the platform.
- Built an admin dashboard for managing courses, users, and categories.

EDUCATION

JSPM's Bhivarabai Sawant Institute of Technology and Research, Wagholi, Pune *2021 – 2025*

Bachelor of Engineering — Electronics and Telecommunication | CGPA: 8.05

ADDITIONAL EXPERIENCE / ACTIVITIES

- **Cod Soft Internship (2023–24):** Built a portfolio landing page using HTML, CSS, and JavaScript; applied Python to practice scenarios.
- **Final Year Project:** "AI-based Automatic Health Monitoring System for Human."