U j j w a l N e u p a n e

Backend Developer

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EXPERIENCE

Django Developer Intern   Kathmandu

MindRisers Technology   *Oct-13,*2024 - Present

EDUCATION

BSC. CSIT   Kathmandu

Asian School of Management and technology   2019 - 2025

+2 (Biology + Mathematics)   Kathmandu

St. Xavier's College, Maitighar   2016 - 2018

SLC   Kathmandu

Childrens Eternal Academy   2015 - 2016

PROJECTS

1. Hotel Management System

The "Hotel Management System" is a Django and Django Rest Framework-based project enabling secure user authentication and efficient hotel and room booking management.

Key Features:

- User registration, login, logout, and OTP verification (login allowed only after OTP verification).
- Only superusers and users with hotel email IDs can edit or delete hotel details.
- Users can view hotels, explore rooms, book rooms, and booking dates are validated to ensure no past bookings.
- Link: **Private Project**

2. Vedic Healing Backend

A RESTful backend built with Django REST Framework to power the Vedic Healing platform, supporting user registration, content management, and secure service bookings.

Key Features:

- Authentication with Djoser – Token-based login, registration, and user management.
- Service Booking with Dynamic Pricing – Secure, real-time booking logic with email notifications and duplicate prevention.
- Modular API Design – Clean ModelViewSet and APIView structure with custom pagination for scalable resource handling.
- Automated email alerts to the admin for every booking and contact made by user.
- Link: **Private Project**

3. File Digitization

File Digitization is a Django REST Framework (DRF)-based system designed to digitize and manage diverse file types with ease. It supports OCR-based text extraction from formats like JPG, PDF, DOCX, PPTX, Excel, and CSV. The system ensures real-time notifications, approval workflows, and automated email alerts for timely file processing. Additionally, it creates auto-backups to enable secure file restoration after deletion.

Key Features:

- Real-Time Notifications: Users receive instant notifications during file uploads, ensuring seamless tracking of the digitization process.
- File Approval Workflow: Both users and admins are involved in the file approval process. Admins can approve or reject files, and users are notified upon approval.
- File Approval Workflow: Both users and admins are involved in the file approval process. Admins can approve or reject files, and users are notified upon approval.Automated Email Alerts: The system automatically sends email notifications to the admin for file approval requests and alerts the user once their file is approved. Additionally, admins are notified if a file approval exceeds 24 hours.
- OCR-Based Text Extraction: The platform supports Optical Character Recognition (OCR) to extract text from a wide variety of file formats, including JPG, PDF, DOCX, PPTX, Excel, and CSV.
- Automatic Backup & Restoration: The system automatically generates backups of files, ensuring that lost or deleted files can be easily restored with minimal downtime.
- Link : **Private Project**

4. Hospital Management System

The "Hospital Management System" is a Django and Django Rest Framework-based project designed for efficient hospital and inventory management with role-specific access.

Key Features:

- Token-based authentication for roles like Doctor, Nurse, Admin, IMS Manager, Receptionist, and User.
- Automated email alerts to IMS Manager and Admin for stock levels below 50.
- Two apps: BASE (handles hospital operations) and IMS (manages inventory).
- Link: https://github.com/UjjwalN15/HMS-new
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5. Mummas Kitchen

Mumma's Kitchen is a dynamic food ordering platform built using Django's MVT architecture. It allows users to explore dishes, submit orders, and share feedback seamlessly. The system handles both online and cash payments with proof upload support. All data submissions are processed server-side via custom POST logic. It features a responsive frontend connected to Django views and models.

Key Features:

· Dual Form Handling – Handles both contact messages and food orders in a single view.

· File Upload Support – Accepts payment screenshots for online orders via request.FILES.

· Dynamic Order Modal & Total Calculation – When users click an order button, the selected food details auto-fill into a form, and total cost updates live based on quantity input.

· Responsive Payment Section Switching – Shows or hides specific fields dynamically based on the selected payment method (eSewa, Khalti, or Cash), including automatic field population and validation rules.

Link : https://github.com/UjjwalN15/Mumma-s-Kitchen

6. IMDB with JWTAuthentication

The "IMDB With JWT Authentication" project is a Django and Django Rest Framework-based application for managing movie watchlists with secure JWT-based authentication.

Key Features:

· User registration, login, logout, and OTP verification (login allowed only after OTP verification).

· Role-based access for users and admins with JWT Authentication.

· Add, view, and remove movies from personalized watchlists.

· Link: https://github.com/UjjwalN15/IMDB-wit-JWTAuthentication

TRAINING /CERTIFICATIONS

Python with Django Training 2024

Mindrisers Consortium

This training provides a comprehensive understanding of Python programming and Django, a high-level web framework. It focuses on building robust, scalable, and secure web applications.

Link: https://www.mindrisers.com.np/certificate/validate/MR-80346-PD

SKILLS

Languages: HTML, CSS, JS, Python

Frameworks: Bootstrap, Tailwind CSS, Django, Django Rest Framework, FastAPI

Tools: Git and Github, Postman, ThunderClient

LANGUAGE

Nepali (Mother Tongue), English (Fluent), Hindi (Conversational)

REFERENCES

Mindrisers Consortium

Mindrisers Institute of Technology

Available Upon Request