KUSUM SHRESTHA

Backend Developer

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SUMMARY

As an aspiring Python Developer with a focus on Django, I am eager to apply my skills and knowledge to contribute effectively to web development projects. Proficient in Python programming, I have a foundational understanding of

PROJECTS

Django: Multi-Module Store & E-commerce System

https://github.com/kusumstha2/Ecommerce-Platform

https://github.com/kusumstha2/Ecommerce_temp

Django, DRF, PostgreSQL, Redis, Stripe, PayPal, Firebase, Celery, JWT

- Built a platform with store builder and e-commerce modules
- Enabled user store registration, template purchase, and content management
- Integrated Stripe & PayPal for secure payments
- Developed cart, order, review, inventory, and product modules
- Used Redis for caching/search; Celery for async tasks; Firebase for real-time alerts
- Implemented JWT auth, role-based access, and advanced filtering

Django: Save2Serve – Waste Food Donation Platform

https://github.com/kusumstha2/Waste-Food-Donation-

Django, DRF, JavaScript, PostgreSQL, KNN, Dijkstra, GIT

- Connected donors to recipients with real-time location tracking
- Used KNN for food need prediction and Dijkstra for optimal delivery routes
- Included role-based auth, interactive maps, and email alerts
- Designed to reduce food waste and streamline donations

Django: File Digitalization & Workflow System

https://github.com/kusumstha2/File-Digitalization

Django, DRF, Djoser, Redis, Celery, OCR

- Developed secure OCR-based document management system
- Used Celery for async tasks like OCR, reporting, and backups
- Implemented smart search, file tagging, encrypted storage, and access controls
- Supported analytics, Real time notifications, and multi-role workflows

EDUCATION

- **Kathmandu College of Technology (KCT)**   **2020-2025**
  Bachelor in Computer Science and Information Technology (B.Sc. CSIT)   (Bhaktapur)

- **New Summit College**   **2018-2020**

  +2 in Science   (Maitidevi)
  (GPA : 3.19)

- **Bon Sky Lark School**   **2017**
  Secondary Education Examination (SEE)   (Chabahil)
  (GPA : A)

RELEVANT EXPERIENCE

Django Developer Intern

Mindriser Technologies   *[Nov 2024-May 2025]*

- Developed Django web apps with REST APIs, PostgreSQL, and integrated third-party services
- Implemented user authentication, CRUD operations, and Celery tasks for asynchronous processing
- Integrated Stripe webhooks and PayPal for handling payment-related events and notifications
- Used Redis for caching, optimized search functionality, and background task management
- Developed secure and scalable features using JWT for authentication as well as Djoser authentication
- Enhanced application performance and reliability through threading for background processes
- Designed and implemented database models for efficient data storage and retrieval
- Collaborated with a team using Git for version control and participated in Agile sprints

Django with Python Training

Mindrisers Institute of Technology   *[Dec 2023 – Feb 2024]*

- Completed 3-month training in Django development and Python programming
- Gained hands-on experience with Django REST Framework, PostgreSQL, and CRUD operations
- Intern/Job Placement Pre-Training Session

Mindrisers & Merojob   *[Mar 2024]*

- Participated in pre-placement training focusing on technical interview prep and resume building
- Gained insights into Agile methodologies and industry best practices for web development

SKILLS

Technical Skills:

i . Python with Django	**ii.** Html	**iii.** CSS	**iv.** C/C++	**v.** MS Word
vi . Firebase	**vii.** PostgreSQL	**viii.** Redis	**ix.** Celery	**x.** Git

Soft Skills:

i . Teamwork and collaboration	**ii.** Communication	**iii.** Multitasking
iv. .Adaptability	**v.** Good listener	**vi.** Attention to detail

REFERENCE

Diwakar Upadhayay (Lecturer)

Kathmandu College of Technology (KCT)

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