SHYAM SUNDAR SINGH.

PYTHON WITH DJANGO BACKEND DEVELOPMENT

CONTACT

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📍 Kathmandu, Nepal

SKILLS

- Python
- Design Thinking
- Adobe Photoshop
- MS Office
- Problem-Solving
- Computer Literacy
- Communications Skills

EDUCATION

- National Academy - RBB
- Diploma In Computer Engineering
- Bachelor Running (BSCS.IT)

CERTIFICATION

- Python & Django Developer

INTERNSHIP

- Mindrisers Institute of Technology, Kathmandu-Putlisadak

CURRENTLY WORKING

Ajira Builders - New Baneshwor
- Frappe Framework

LANGUAGES

- Nepali
- English
- Hindi

OBJECTIVE

A motivated Django developer with strong problem-solving skills and effective communication. Eager to contribute to a dynamic team and passionate about learning new technologies. Driven to tackle challenges and deliver impactful, efficient web solutions.

EXPERIENCE

WEB DEVELOPER

Mindrisers Institute of Technology

1 Years Experience

- Documentation
- Database design
- Built the logic
- Testing

Key Skill

- Python & Django Proficiency: Strong understanding of Python and mastery of Django's core components (models, views, templates, ORM).
- Database & ORM Expertise: Skilled in databases and Django ORM for data modeling and querying.
- API Development: Ability to build RESTful APIs with Django REST Framework (DRF).
- Deployment : Experience deploying Django apps using Docker, cloud platforms like reander.
- Security & Best Practices: Knowledge of web security practices and Django's built-in security features

PROJECT

- Developed Full E-Commerce and Bus Tracking Systems in Django: Implemented user authentication with Google OAuth2, real-time bus tracking with Django Channels, and custom dashboards.
- Optimized Database Design: Designed normalized database schemas with Redis caching for live updates, achieving high performance and data integrity.
- Built and Documented Django REST APIs: Created RESTful APIs with JWT/OAuth2 authentication, comprehensive Swagger documentation, and efficient error handling.
- Enhanced Testing and QA: Created extensive test coverage using Django tests, JMeter for load testing, and Swagger for API validation to ensure reliability.
- End-to-End Documentation and Deployment: Produced setup guides, API docs, and database schema documentation, deploying in Docker for scalability and smooth production.