

Rahul Ranjan

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About Me:

BCA final-year student skilled in Django, HTML, CSS, Tailwind CSS, PHP, and MySQL, seeking a Web Development role to build scalable, user-friendly applications and expand technical expertise.

Technical Skills:

Programming & Scripting

- HTML5, CSS3, Tailwind CSS, JavaScript (basic)
- Python, PHP

Frameworks

- Django, Django REST Framework

Databases

- PostgreSQL, MySQL, SQLite

DevOps & Deployment

- Docker, Render, GitHub Pages

Tools

- Git, GitHub, PowerShell, VS Code
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Projects:

EduQuiz – A Smart MCQ Generator [<https://eduquiz-7zdk.onrender.com/>]

- Designed an AI-powered MCQ generator using NLP techniques like NLTK and TF-IDF.
- Integrated OCR (Tesseract), document parsing, and Dockerized deployment on Render.
- **Tech Stack:** Django, DRF, PostgreSQL, NLTK, TF-IDF, Docker

Inventory Management System

- Developed a Python-based inventory management system to track products, manage stock levels, and generate reports.
- **Tech Stack:** Python, Django, SQLite

ShopOnline

- Created a web-based e-commerce platform with product management, shopping cart, and user authentication.
- **Tech Stack:** PHP, MySQL, HTML/CSS

Student Management System (SIMS)

- Built a student information management system with CRUD operations in and a MySQL backend.
 - **Tech Stack:** PHP, MySQL, HTML/CSS
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Internship Experience:**Web Development Intern – Pi Innovation**

- Assisted in building responsive web interfaces using Django, CSS, Tailwind CSS, and JavaScript.
 - Worked with MySQL and SQLite databases for dynamic data handling.
 - Collaborated with the team using Git & GitHub for version control.
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Education:**Bachelor in Computer Applications (BCA)**

Tribhuvan University – Ongoing, 8th Semester