Rahul Ranjan

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About Me:
BCA final-year student skilled in Django, REST APIs, and full-stack development. Passionate about building scalable, user-friendly applications with secure, modern architecture.

Technical Skills:
- **Programming:** Python, PHP, HTML5, CSS3, Tailwind, JavaScript (basic)
- **Frameworks:** Django, Django REST Framework
- **Databases:** PostgreSQL, MySQL, SQLite
- **DevOps & Deployment:** Docker, Render, GitHub Pages
- **Tools:** Git, GitHub, VS Code, PowerShell

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

E-Commerce Fashion Store
- Full-featured fashion e-commerce platform with secure authentication, order & product management, responsive UI, and analytics dashboard.
- **Tech Stack:** Django, Tailwind, JavaScript, SQLite

Cricbuzz LiveStats – Real-Time Cricket Analytics Dashboard
- Live cricket analytics app with API integration, SQL-driven player stats, and interactive dashboard (Streamlit).
- **Tech Stack:** Python, SQL (PostgreSQL/MySQL), Streamlit, Pandas

Education:
Bachelor in Computer Applications (BCA)
Tribhuvan University – Ongoing, 8th Semester

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.