

Tonnema Sarkar Chity

Python Django Developer

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House-43, Road-11, Sector-10, Uttara, Dhaka

GitHub | LinkedIn

Enthusiastic and detail-oriented Python Django developer with hands-on experience building backend systems, RESTful APIs, and database-driven applications through academic projects and self-learning. Skilled in Django, Django REST Framework, PostgreSQL, and basic Celery/Redis workflows. Strong understanding of backend development, clean code practices, and real-time inventory/e-commerce concepts. Passionate about learning, problem-solving, and contributing to scalable and efficient software solutions.

Experience

Triangle Technologies Ltd. | Software Engineer(Intern) Dhaka, Bangladesh | October 2025 - Present

- Assist in developing and maintaining backend features using Python and Django.
- Build and test RESTful APIs with Django Rest Framework (DRF).
- Work with Django ORM for database design, queries, and migrations.
- Debug and fix application issues in development and testing environments.
- Collaborate with team members using Git for version control.

Skills

Programming Languages:	Python, C, C++, .NET, SQL, HTML, CSS
Libraries/Frameworks:	Django, Django Rest Framework(DRF)
Tools / Platforms:	Git, VS Code,
Databases:	PostgreSQL

Education

International University of Business Agriculture and Technology

Bachelor of Science in Computer Science & Engineering (CSE).

CGPA: Not Yet Published

Dhaka, Bangladesh,

January 2022 - Present

Projects

- **School Management System** (Python, Django, PostgreSQL)
- **Patient Management System** (Python, Django, PostgreSQL)
- **E-Library Management System** (Python, Django, PostgreSQL)

Certifications

- Certificate of presentation, May 2025, for Automated Crop Protection System Using IoT for Rain, Hail, and Fog at the 5th International Conference on Intelligent Systems and Machine Learning. Department of Computer Science and Engineering, NIT Meghalaya.

Research & Publication

- K. R. Ahmed, M. S. Hossen, T. S. Chity, T. Salam, S. I. Nuhash, and N. Ameri, "AI-Based Early Detection of Alzheimer's Disease: Enhanced Performance with GAN-Augmented MRI Data and EfficientNetB3," *2025 International Conference on Quantum Photonics, Artificial Intelligence, and Networking (QPAIN)*, Rangpur, Bangladesh, 2025, pp. 1-5, doi: 10.1109/QPAIN66474.2025.11172087.