

CURRICULUM VITAE

OF

MD RABBI ISLAM

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CAREER OBJECTIVE

To obtain a challenging position that enables me to apply my technical skills, contribute effectively to organizational success, and pursue professional growth within a reputable and forward-looking organization.

TECHNICAL SKILLS

- **Web Development:** Python, Django, DRF, PostgreSQL
- **Database Management:** SQL, Joins, Subqueries, Primary Key/Foreign Key, Relational Database Design
- **Networking (Basic):** IP Addressing & Configuration, Basic Troubleshooting, Printer & Peripheral Setup, Windows OS Installation & Maintenance
- **Version Control & Tools:** Git, GitHub, Visual Studio Code

ACADEMIC PROJECTS

AgroChain BD — Agricultural Price Transparency System (Django Project)

A full-stack Django-based system to track agricultural pricing from farmers → warehouses → transport → wholesalers → consumers.

Tech Stack: Django, Python, PostgreSQL, Django ORM, HTML/CSS

- Cost tracking across production, transport, warehouse, and market layers
- CRUD modules for farmers, warehouses, transporters, retailers, and products
- Relational database design using multiple interlinked tables
- Authentication & Role-based Access (Admin, Farmer, Transport, Market Inspector)
- Price reporting dashboard for transparency and monitoring
- Data validation and Django Admin integration

OlaResearcher (Final Year Project)

A Django-based application that connects students and professors based on research interest matching.

Tech Stack: Django, Python, PostgreSQL, Django ORM, OAuth

- Designed user authentication using OAuth (Google Login)
- Implemented matching logic using PostgreSQL full-text search
- Built dashboards for student and professor interactions
- Designed models & views to categorize research areas

EDUCATION

B.Sc. in Computer Science and Engineering

Hamdard University Bangladesh

CGPA: 3.22 (on a scale of 4.00) | Graduation: 2025

HSC (Science)

Khilgaon Ideal College | GPA: 3.50 | 2019

SSC (Science)

Madanpur Rahmania High School | GPA: 4.23 | 2017

CERTIFICATIONS

NSDA (National Skills Development Authority) – Level 4 Certification

Course: **Web Application Development with Python (Level-4)**, Batch 6

Organized by: Daffodil International Professional Training Institute (DIPTI)

Funded by: National Skills Development Authority (NSDA), Prime Minister's Office

Competencies Covered: Ethical ICT Practices, Django Framework, REST API Development, Project Creation, UI Customization, Team Leadership, Dynamic Web Pages, Django Environment Management

LANGUAGES

- **Bengali:** Native
- **English:** Proficient (IELTS 6.0)

Experience

Research Assistant, Bangladesh Poribeshbid Society (Feb 2023 – May 2024)

ICT related support providing for different programs.

Assisted in database and system maintenance tasks.

LEADERSHIP & ACTIVITIES

- **Vice President**, CSE Club, Hamdard University (Jun 2022 – Dec 2024)
Led coding contests, tech events, and workshops; strengthened leadership and teamwork
- **Volunteer**, Rotary Club & Friends for Humanity (Feb 2020 – May 2022)
Supported charity drives and community services; developed communication and collaboration skills
- **Debate Performer**, Prothom Alo Bondhu Shobha, participated in debate competitions, enhanced public speaking and analytical skills

PERSONAL INFORMATION

Father's Name : Md. Monzur Alam
Mother's Name : Rozi Begum
Date of Birth : 29 September 2000
Gender : Male
Nationality : Bangladeshi
Religion : Islam
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REFERENCE

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Yours faithfully,
Md. Rabbi Islam