

# Rahat Alfaz Abir

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 Rahat Abir |  rahat-abir

Mirpur 2, Dhaka - 1216, Bangladesh

## OBJECTIVE

Seeking a challenging position in Software Development to leverage my expertise in programming and development. Aiming to contribute to innovative projects at the intersection of different frameworks and practical problem-solving in fields such as software development.

## COMPETITIVE PROGRAMMING PROFILE

### Achievements and Participations

Handle Name: rahat-abir

StopStalk, UVA, Codechef, Codeforces

   

- **1st** in BUBT IUPC junior 2021.
- **3rd** in UITS IUPC combined university 2022.
- **5th** in BrainStorming coding sprint 2024.
- **7th** in BUBT IUPC senior 2023.
- **Top 20th** in UITS IUPS 2023.
- Participated in **5+ Inter-University** Programming Contest.
- Participated in **3 ICPC Preliminary**.
- Participated in **100+** Online Programming Contest.
- Solved **700+** problems in various popular online judges.

## SKILLS

- **Programming Languages:** Python, C, C++, JAVA
- **Web Technologies:** Django, HTML5, CSS, Bootstrap
- **Database Systems:** REST API, JWT, SQLite, Django ORM
- **Data Science & Machine Learning:** NumPy, Tensorflow, Python, Pandas, Matplotlib, Keras, Jupyter Notebook
- **Research Skills:** Intermediate English speaking and writing, Experience with CNN, LSTM, NLP
- **Familiarity with version control (Git/GitHub)**

## ACADEMIC AND SELF PROJECTS

### REST API Contact App: JWT authentication

June 2025

Tools: Python, Django, Django REST Framework, JWT, ORM, MVT, APIView, Postman



- Developed a fully functional REST API using Django REST Framework with token-based authentication.
- Implemented user registration, login, and protected CRUD operations for contacts using JWT.
- Structured the project with Django's MVT architecture and modular apps.
- Tested API endpoints using Postman and ensured clean serialization with custom serializers.

### Movie List & Review API: RESTful movie review platform with user authentication

May 2025

Tools: Python, Django, Django REST Framework, JWT, ORM, MVT, APIView, Postman



- Developed a secure movie review API where users can register, log in, and manage reviews using JWT.
- Implemented Django ORM relationships between movies, users, and their reviews.
- Created clean, modular API endpoints using class-based views and serializers.
- Applied Django ORM for model relationships between movies, users, and reviews.

### Student App Django: Student information portal with proper Django formatting

April 2025

Tools: Python, Django, HTTP, CSS, JavaScript, ORM, MVT, Django Model



- Built a student management app using Django with MVT architecture and virtual environment.
- Used Django ORM to create models and display student images.
- Designed and styled forms using Django Forms (cascade) and CSS.
- Implemented full CRUD operations (Create, Read, Update, Delete) for managing student records

## EDUCATION

### Bangladesh University of Business and Technology

August 2020 - June 2024

Computer Science and Engineering

Dhaka, Bangladesh

◦ GPA: 3.82/4.00