

# Hamida Binte Azad

✉ hamidabazad@gmail.com | ☎ +8801793600687 | 📍 10/A (Old 19), Dhanmondi, Dhaka, Bangladesh

🌐 GitHub: <https://github.com/HamidaBinteAzad> | 🔗 LinkedIn: [www.linkedin.com/in/hamidabinteazad](http://www.linkedin.com/in/hamidabinteazad)

## Career Objective

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Motivated Computer Science graduate with a strong foundation in Python, web development, and database management, seeking to apply technical skills and collaborative spirit in a dynamic software engineering role to deliver impactful, scalable solutions.

## Education

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**University of Asia Pacific, Dhaka, Bangladesh** - B.Sc. in Computer Science & Engineering, 2023 | CGPA: 3.71

**Holy Cross College, Dhaka, Bangladesh** - Higher Secondary Certificate (HSC), 2018 | GPA: 5.00

**Dhanmondi Kamrunnesa Govt. Girls' High School** - Secondary School Certificate (SSC), 2016 | GPA: 5.00

## University Projects

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**1. StudentPlatform** – Student-Centric Social Learning Platform (HTML, CSS, Django)

- Implemented user authentication and responsive layouts
- Managed CRUD operations with Django ORM

**2. MeetingPoint** – Networking Platform with Real-Time Messaging (HTML, CSS, Django)

- Developed real-time chat using Django Channels and WebSockets
- Designed frontend layouts and integrated backend endpoints

**3. E-commerce Management System** – Database Design Project (SQL)

- Designed relational database schema for sellers, customers, products, and transactions
- Wrote complex SQL queries for sales and inventory reporting

**4. Obstacle Avoidance & Voice-Controlled Car** – Arduino Project (Arduino)

- Developed a smart car with ultrasonic sensor-based obstacle detection
- Integrated voice-command navigation using speech-recognition module

**5. Snake Game Replica** – Game Development Project (Unity, C#)

- Created a 2D playable snake game using Unity Engine
- Implemented score tracking, collision detection, and user input handling

## Thesis

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**Bangla Fake News Detection using BERT (Thesis)**

- Used NLP and deep learning techniques to classify news articles
- Applied pre-trained BERT for Bangla with fine-tuning

## Volunteering

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### Volunteer, ICPC Dhaka Regional 2022

International Collegiate Programming Contest

- Coordinated event logistics and participant support
- Managed IT setup and on-site technical assistance
- Demonstrated clear communication and teamwork under pressure

## Technical Skills

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Programming Languages: Python, C, C++, Java (Basic)

Web Frameworks: Django, HTML, CSS, JavaScript, Bootstrap

Database: MySQL, SQLite

Tools & Platforms: Git, GitHub, VS Code

Others: REST API basics, problem-solving

Productivity Tools: Microsoft Word, Excel, PowerPoint

## Soft Skills

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- Communication • Problem-Solving • Team Collaboration • Adaptability

## Certification

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- Python & Django Course — Creative IT Institute (2025)

## Language Proficiency

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- **English:** Reading (Beginner), Writing (Intermediate), Listening (Beginner), Speaking (Beginner)
- **Bangla:** Reading (Native), Writing (Advanced), Listening (Native), Speaking (Native)

## Interests

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Backend Development, Database Design, REST API Integration, Exploring Scalable Web Systems.

## Honors & Awards

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**Dean's Award** — Spring 2019, Fall 2019, Spring 2020, Fall 2020 (University of Asia Pacific)