

# Md. Ariful Islam

## Software Engineer

Dhaka Bangladesh | +8801677243126 | [arif.reza3126@gmail.com](mailto:arif.reza3126@gmail.com)

[Github](#) | [LinkedIn](#) | [Portfolio](#) | [HackerRank](#)

### EXPERIENCE

#### Mediusware Ltd - Software Engineer

Dhaka, Bangladesh

DEC 2023 - Present

As a Software Engineer at Mediusware, I excelled in **Python and Django**, leading **AI-driven and LLM projects** like a language-learning app powered by **OpenAI API** and an **AI sales platform for dealerships**, developing robust **REST APIs** and scalable backends with **PostgreSQL and JWT**. I also created automated social media systems and optimized HR tools, boosting engagement and workflows using **Selenium, JavaScript, CSS, Celery, Redis, and RabbitMQ**.

### SKILLS

**Languages:** Python, JavaScript, C, C++.

**Framework and libraries:** Django, Flask, DRF, Fast API, Langchain, Scrapy, Selenium, BeautifulSoup, Blacksheep, Celery, Redis, RabbitMQ, Numpy, Pandas, React, Bootstrap, Tailwind.

**Databases:** MySQL, PostgreSQL, SQLite, MongoDB

### PROJECTS

#### 1. AI Language-Learning Chatting App:

- Worked on an **AI project developing a language-learning chatting app** using the OpenAI API.
- Developed the backend with **Django**, incorporating **REST API, JWT authentication, Celery, Redis, social authentication** and a **payment gateway**.
- Implemented chat storage in a **PostgreSQL** database.

#### 2. AI Sales Assistance System

- Developed a **Django-based and AI-driven** platform integrating dealers authentication, Customer **technical support, vehicle trade-in, and vehicle inventory** management to **enhance sales and customer engagement**.
- Built **REST APIs** using **DRF** to support **chat-based inventory queries, appointment scheduling, and dealer file uploads** with **automated data extraction** for inventory updates.
- Created **specialized AI agents and tools** for **trade-in, customer support, and technical assistance**, **enhancing user interactions** and streamlining dealership operations with **JWT authentication** and **PostgreSQL** for scalable data handling.

#### 3. Social Media Automation:

- **Automated** user interactions on platforms like Facebook Marketplace and Groups, Instagram, Pinterest, Tumblr, Reddit, WhatsApp, and LinkedIn to enhance engagement and streamline content distribution.
- Developed **secure session management** and **automated** login systems for uninterrupted platform access.
- Utilized Python scripting and libraries such as **Selenium, BeautifulSoup, and Blacksheep** for automated interactions with social media **APIs and web interfaces**, ensuring reliability and efficiency in operation.

#### 4. HR Management System:

- Built a **Django-based** admin panel for managing employee data and workflows.
- Collaborated on integrating daily work updates and developed an **API** for interview scheduling.
- Enhanced **frontend responsiveness** to ensure optimal user experience across devices, utilizing **CSS media queries** and **JavaScript operations** for dynamic content rendering.

### EDUCATION

Central University of Science & Technology - BSc, Computer Science & Engineering

CGPA: 3.95

### ACHIEVEMENTS

- [CSE Fundamentals with Phitron](#)
- [Complete Web Development Course Programming Hero](#)

## EXTRACURRICULAR ACTIVITIES

---

- Served as the **Vice President** of the Central University of Science & Technology's **Programming Club**, where I coordinated networking events and coding workshops.
- **Led** a group of aspiring web developers in the CUST's **Web Development Club**, working on various web projects and learning sessions.

## LANGUAGE

---

- Bangla - Native
- English - Comfortable