

Md. Ariful Islam

Software Engineer

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

SUMMARY

I possess expertise as a Junior Software Developer, **specializing in Python, Django, and LLM**. With a knack for **problem-solving** & collaboration, I am committed to staying agile and adapting to the evolving tech industry landscape.

EXPERIENCE

Software Engineer, DEC 2023 - Present

Mediusware Ltd - Dhaka, Bangladesh

As a Software Engineer at Mediusware, I lead the development of **automated processes for social media platforms** and optimize **HR management systems**. I specialize in **Python, Django, and web development**, with expertise in **frontend responsiveness and API integration**. Additionally, I have worked on an **AI project** developing a language-learning chatting app using the **OpenAI API**. My role involves enhancing user engagement, facilitating communication, and streamlining workflows.

SKILLS

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

Framework and libraries: Django, Flask, Scrapy, Selenium, BeautifulSoup, Blacksheep, DRF, Fast API, React, Bootstrap, Tailwind.

Databases: MySQL, PostgreSQL, SQLite, MongoDB

Tools: Pycharm, VS-code, Jupyter Notebook, Anaconda, Postman, Git, Github.

PROJECTS

1. 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.

2. 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, social authentication** and a **payment gateway**.
- Implemented chat storage in a **PostgreSQL** database.

3. 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, Dhaka Bangladesh. (2019-2023)

B.S.c in 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