SK MD Shadman Sakib

Email | **Phone** | **LinkedIn** | **GitHub** | **Rajshahi**

Overall Summary

- Strong coding skill in Python, Java.

- Efficient in Python application using Python related technologies such as Flask and Django.

- Skilled in developing GUI applications using Tkinter, Pyqt, and PyGTK.

- Expert in object-oriented analysis, design, development, implementation of software using Python.

- Skilled in developing web pages using MySQL, HTML, CSS, JavaScript, and React.

- Knowledgeable in CMS (Content Management System) framework (i.e., Django).

- Knowledge in server-side open-source scripting language (e.g. Python) and open-source database platform (e.g. MongoDB).

- Knowledge in Data Science using Jupyter Notebook and Python libraries (e.g., NumPy, Pandas, Matplotlib, Seaborn, TensorFlow, Keras).

Technical Skills

- Core Programming Language: Python, Assembly, C, C++, Java, MATLAB.

- Programming Framework: Angular, WordPress, Laravel, Django.

- Skilled in developing GUI applications using Tkinter, Pyqt, and PyGTK.

- Web Programming Platform: HTML, CSS, JavaScript, Python.

- Version Control System Platform: Git.

- Designing Platform: Figma, AutoCAD.

- Project Management Tool: GitHub Project Management, ClickUp.

- Database Platform: SQL, MongoDB.

- Mobile Application Platform: Java, Kotlin.

Education

- Master of Science in Information Technology
  Jahangirnagar University, Dhaka, Bangladesh   2022 – 2024
  CGPA: 3.29

- Bachelor of Science in Electrical and Electronics Engineering
  Varendra University, Rajshahi, Bangladesh   2018 – 2022
  CGPA: 2.92

Professional Experiences

- NESCO   August 2023 – November 2023

  I. Designation: Assistant Engineer
    - Manage, observe, and teach new GIS technology to user and technician.

    - Test and run the GIS technology and observe it.

    - Teaching consumers how to use it and technicians as well.

    - Observe their use of GIS technology.

    - Find the bug and report it to the software company.

Experiences in University Projects

- Software Engineer (Jahangirnagar University)   2022 – 2024

  I. Project Name: Ecommerce website
    - Environment: HTML, CSS, JavaScript, framer motion
    - Assignment: Design interface, implement admin panel with function- add, remove, update category and items, user add, remove items also payment, method, analysis.

  II. Project Name: Library Management System
    - Environment: SQL, Java
    - Assignment: Design interface, admin panel to add, update, remove book, Users can buy or rent books.

  III. Project Name: Design Hospital System Network Design
    - Environment: Cisco
    - Assignment: Hierarchical Network Design, Host Device Configurations, Configuring ISP routers, VLANs and assigning ports VLAN numbers, subnetting and IP addresses, Test and verifying network communication.

  IV. Project Name: Weather forecast
    - Languages: Android Studio, Java
    - Assignment: Design and implementation real-time weather forecast and alert System.

  V. Project Name: Software testing
    - Languages: Java
    - Assignment: Unit, smoke, performance, system, load, API testing of a website.

Publications

1. IR Communication-Based Alternative Horn Signaling System for Vehicles to Reduce Sound Pollution URL: https://doi.org/10.51583/IJLTEMAS.2025.14020013   March 2025