A. B. M. Siddiqur Rahman

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 siddiqur-54 in abm-siddiqur 📍 Dhaka

Career Objective

I am looking for a software engineering position where I can use my theoretical knowledge and practical skills to contribute to the creation of innovative and user-centric software solutions. I am a recent graduate with a strong foundation in software engineering principles and a passion for technology.

Professional Experience

February 2024 – June 2024   🔖 **Software Engineer Intern**
RedDot Digital Limited, Dhaka, Bangladesh.
Developed an authentication and user role permission system for managing users, roles, and permissions. Created a Laravel package for a project. Developed several processes, debugged and added different features to the updated version of Robi Workflow Management System.
Technologies Used: *jQuery, Vue.js, PHP, Laravel, MySQL, Git, Docker.*

Technical Skills

Programming Language	🔖 C, C++, Python, Java
Front-End Development	🔖 HTML, CSS, Bootstrap, JavaScript
Back-End Development	🔖 Django, Django REST
Version Control Tool	🔖 Git, GitHub
Database	🔖 MySQL, SQLite, Firebase
Machine Learning	🔖 Keras, TensorFlow

Problem Solving

Codeforces	🔖 Solved 450+ problems and paticipated 30+ contests (Profile: siddiqur_rahman).
LeetCode	🔖 Solved 200+ problems (Profile: siddiqur-54).
HackerRank	🔖 Solved 100+ problems (Profile: nemoelbuho).

Personal Projects

🔖 **KajKormo (Job Portal)**
Project Link: GitHub   **Technologies Used:** *Python, Django, HTML, CSS, JavaScript, SQLite*
A website for an online job portal with admin, employer, and applicant roles, featuring user management, job posting, keyword search functionality, and authentication processes to ensure user access control.

🔖 **Sustainable Apparel Classification**
Project Link: GitHub   **Technologies Used:** *Python, Keras, TensorFlow*
This project focuses on classification of sustainable apparel products. The goal is to develop an AI solution aligned with emphasizing sustainable fashion.

- **Task Manager**
  Project Link: GitHub   **Technologies Used:** *Python, Django, Django REST, HTML, CSS, SQLite*
  A web application for task management, featuring user authentication, task categorization, image attachments, search functionality, and status tracking with priority filters.

- **DocOnDemand (Doctor Appointment)**
  Project Link: GitHub   **Technologies Used:** *Python, Django, HTML, CSS, JavaScript, SQLite*
  A web application for connecting the doctors and the patients.

Educational Backgrounds

January 2018 – September 2023
- **B.Sc. Computer Science & Engineering**
  Rajshahi University of Engineering & Technology
  CGPA: 3.17 out of 4.00

July 2015 – April 2017
- **Higher Secondary Certificate**
  New Govt. Degree College, Rajshahi
  GPA: 5.00 out of 5.00

Cetifications & Courseworks

Coursera
- Neural Networks and Deep Learning.
- Convolutional Neural Networks.

HackerRank
- Skills Certification Test.

Thesis

- **Plant Leaf Disease Identification Using Transfer Learning and Ensemble Learning Techniques**
  Platform: *Kaggle, Overleaf*   **Dataset:** PlantVillage   **Link:** GDrive
  Technologies Used: *Python, Keras, TensorFlow*

Languages

Bangla
- Native or Bilingual Proficiency.

English
- Full Professional Proficiency.