

MD MAMUNUR RASHID

Software Engineer (Trainee) @ Red.Dot Digital Limited | Robi Axiata



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CAREER OBJECTIVE

Driven by my passion for the software industry, my goal is to establish a thriving career as a Software Engineer. Previously, I actively engaged in numerous web-based projects to solve current real world problems, and also fortifying my coding skills. With a steadfast commitment to personal and professional growth, I am determined to excel in my field, delivering top-notch software solutions and also ensuring unparalleled quality standards.

TECHNICAL SKILLS

- **Backend:** Django (DRF) & Flask
- **Frontend:** HTML5, CSS3, Bootstrap, Tailwind, JavaScript, Vanilla JS ES-6, RestAPI, **React JS**, Mobile Responsive, jQuery.
- Mobile Application (**Android**)
- **Database:** MySQL, SQLite & SQLAlchemy.
- **Core Programming language:** C++, C, Java, PHP, Python, Advanced Python for Machine Learning
- **Machine Learning:** PyTorch, PIL, PyDub, Scikit-Learn, Numpy, OpenCV, Pandas, Keras
- **Source Control:** Git & GitHub, BitBucket
- **Software Testing:** Functional Testing, Non-Functional Testing, Database Testing, Automation Testing.
- **Methodologies:** Agile, V-Model, Waterfall
- **Other Tools:** Microsoft Office, Google Colab, Google Workspace, Asana, Canva.

ACADEMIC DETAILS

BSc. in Computer Science & Engineering
United International University | 2016 - 2021
CGPA - 3.43 / 4.00

Higher Secondary Certificate | HSC
Cantonment Collage, Jessore | 2013 - 2015
GPA - 4.00

Secondary School Certificate | SSC
Sreepur M.C Pilot Secondary School | 2015 - 2016
GPA - 5.00

PROFESSIONAL EXPERIENCE

Trainee Software Engineer

Red Dot Digital Ltd | Robi Axiata
OCT 2023 - Present

Dhaka - 1212

- Django
- Django REST Framework
- API & RESTful API
- Object Relational Mapping (ORM)
- Python (Programming Language)
- Data Scraping Automation
- Docker-CI/CD
- React.js
- JavaScript & ES-6
- Responsive Web Application

Project Implementation Officer

Technohaven Company Ltd
2021 - 2023

Dhaka - 1206

- Working experience under government RAJUK project.
- Requirements analysis of project.
- Team leading ability.
- System testing and issues diagnosis.
- System Bug fixing and benchmark.
- Handel a huge level of clients and tackle unwanted situations.

Undergraduate Teaching Assistant

United International University
June - September 2020

Dhaka - 1206

- I had the privilege to offer guidance to students who were new to programming.
- Explaining the concepts of C Language.

PROJECTS

Meal-Management-System (Backend)

Tools Used: Django (DRF), Python, SQLite3, Rest API

This is a complete backend using Django (DRF). Here I developed 36 Restful Endpoints. Here I use user authentication and maintain roll management for users using JWT token.

Meal Management System Fontend by React

Tools Used: HTML5, CSS3, Bootstrap, React js, Tailwind, Figma, JavaScript, SQLite3.

Frontend is not completed yet. I just made some pages using the backend. Inventory, User list, user account history, and users access parts have been competed

Summer-Sale

Tools Used: HTML5, CSS3, Figma, JavaScript, jQuery,

[Live Link](#)

Phone-Hunter-API

Tools Used: HTML5, CSS3, Figma, JavaScript, API

[Live Link](#)

Cheapest Flight Deals using API

Tools Used: Python, SMS Service

This is an OOP-based project that helped to find the cheapest flight to my desired destination and store the price then if the system finds a lower price than my stored price then send a text on phone with the chestiest flight details. Here I used International flight data API and SMS API to do this project.

Data Entry Job Automation

Tools Used: Python

This project scripting your desired data from a website. And automatically submitted in a Google form.

Automating Job Applications on LinkedIn

Tools Used: Python

Responsibilities: Coding Logic

User-Access-Authentication by-Python-Flask

This app ensures user access authentication. Users must log in/register to access downloads. Unauthorized users cannot download. After logging in, the account holder's Name and Picture appear at the top. Server-side validation secures all forms. For advance security, Passwords are hashed, salted, and stored in the database.

COMMUNICATION PROFICIENCY

English

Professional Working Proficiency

Bengali

Mother Tongue

ACHIEVEMENTS

1st Runner-Up Computer Networks Laboratory

CSE Project Show, Summer 2018

United International University

Dhaka - 1212

2nd Runner-Up Software Laboratory

CSE Project Show, Fall 2019

United International University

Dhaka - 1212

Multiple Scholarships For Academic Excellence

United International University

Dhaka - 1212

CERTIFICATIONS

1st Runner-Up Computer Networks Laboratory

CSE Project Show, Summer 2022

United International University

Python Pro Bootcamp for 2023

Udemy Course

React & JS -Programing Hero

Beginner's Course on Python Programming

REFERENCES

Prof. Dr. Mohammad Nurul Huda

Professor & Director, UIU, B.Sc. & M.Sc. Engg.(CSE), BUET;
Ph.D. (Japan).

United International University

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Dr. Suman Ahmmed

Asst. Professor & Director of Center for Development of IT
Professionals (CDIP)

United International University

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