


# Abdul Wazed Rifat

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[LinkedIn](#) 

[Portfolio](#) 

[GitHub](#) 

Diligent software engineer with more than five years of programming expertise and one year and three months of professional experience. I enjoy coming up with the best possible solutions for any challenging situation through brainstorming. I took part in a lot of programming competitions to improve my problem-solving skills. Quick to pick up new frameworks and prefer effective teamwork where everybody can learn from each other. Excel at efficient time management and can deliver products on time.

## Work Experience







### Relisource Technologies Ltd.

July, 2021 - present

#### Full stack software engineer

- Provided Major contribution to designing the optimized architecture for new features. Got appreciated many times for providing several optimization feedback and identifying crucial corner cases and more.
- Excelled as a proper pull request reviewer.
- Utilizing nodes and edges, a schedule designer app with a dynamic graphical flow was created. made significant contributions to the frontend and backend architecture designs. used.NET for the backend microservice and angular 9 for the front end.
- Maintained & developed various features for an android ePro (Patient Reported Outcome) app using Xamarin Forms. Investigated & fixed various production bugs. Used AWS S3, firebase to store various logs and information. Used SQLite for the local database.
- Created a.NET console application to search database and AWS S3 logs for every production bug.
- Created numerous Python scripts to scrape and map the essential data from different logs to find any problems.
- Implemented a number of features and solved many bugs to meet the new requirements for a medical clinical trial system. Admin clinicians use this to set up studies, subjects, etc. for various drug testing. Used angularJS, angular 9, .NET microservice, WCF backend, etc.
- Updated and bug-fixed a windows tablet application that site raters and physicians use to conduct forms.
- constructed, updated, and wrote complicated queries in a variety of APIs using the Microsoft SQL database.

## Achievements

	2nd in NEUB Junior IUPC 2017	December, 2017
	6th in AUB IUPC 2018	May, 2018
	13th in IUT 10th ICT Programming Contest	April, 2019
	18th in Technocracy 2019 by RUET, IUPC	July, 2019
	23rd in MIST IUPC 2019	February, 2019
	Participated in about 25+ Onsite Contests and hackathons	2017-2020

## Online Judges

**Codeforces**

[Wazed Rifat](#)

Max Rank: Expert (1623)

Solved Problems: 500+

**CodeChef**  
**vJudge**  
**LightOJ**  
**LeetCode**

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[Abdul Wazed Rifat](#)

Max Rank: 3 Star (1730)

Solved Problems: 500+

Solved Problems: 124

*Solved Around 2000+ problems including all Online Judges*

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## Education

**Military Institute of Science and Technology**  
BSC in CSE

**February, 2017 – February, 2021**  
**CGPA: 3.61 out of 4.0**

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## Skills

### Language

- C#
- Python
- C++
- C
- TypeScript
- JavaScript
- SQL
- HTML

### Framework

- ASP.NET
- FastAPI
- Flask
- Django
- Angular
- AngularJS
- TeamServer
- Git, Bitbucket
- Jira
- WCF service
- Windows Forms
- Xamarin
- Entity Core
- Microsoft SQL
- Firebase
- AWS S3
- Azure blob storage

### Skills

- Problem Solving
- Object Oriented Programming
- Design Pattern
- Algorithms
- Data Structures

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## Projects

### **Jira Issue Creator** | [GitHub](#)

A website to create & read Jira Issue using API which is also stored in database. It was a task in an interview where I had zero knowledge on required stack for the job. So, to prove my learning capability, I learned .net, angular, JIRA API & created this project in about 6 hours.

**Backend:** ASP.NET, **Database:** SQL Lite, Entity Framework Core, **Frontend:** Angular

### **CKD Predictor** | [GitHub](#)

Chronic kidney disease predictor using machine learning & deep learning. Here 7 model was created using 7 different algorithms. Finally, a hard voting was performed to get the optimal result. Final model has an accuracy of 99.2%. This model was implemented into a web app using flask as backend.

**web app:** Flask, html, CSS etc., **Model creation:** python, Sklearn, Jupyter notebook, TensorFlow, Keras

### **Book Store Backend** | [GitHub](#)

This project is being developed for learning FastAPI framework for any professional project.

**Backend:** FastAPI, **Database:** PostgreSQL

### **Maternal and Child Health Care** | [GitHub](#)

This project was created for my BSC 3rd year database Project. This project contains a very big database schema with 40+ tables & relations.

**Backend:** NodeJS, **Database:** Oracle SQL Database, **Frontend:** Html, CSS, Bootstrap, jQuery, JavaScript