

# Syed Mohammad Fahim Abrar

## Computer Engineer



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### Syed Mohammad Fahim Abrar

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Date of birth

1997-04-25

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LinkedIn: <https://www.linkedin.com/in/abrarfahim/>

Github: <https://github.com/lazyfahim>

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### Skills

- Asp.net MVC 5
- Asp.net Core
- Asp.net core webapi
- Entity Framework(Code First)
- Entity Framework Core(Code First)
- AutoMapper
- Identity Framework
- JWT (token-based authentication)
- Dependency Injection(with Ninject)
- Repository Pattern
- Unit of Work pattern
- SignalR with SQL dependency
- C# thread programming with Windows service application
- Selenium Web Driver Automation(python)
- Angular 7
- Azure Dev Ops
- Azure Cloud Computing

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A grounded and solution-oriented computer scientist with a wide variety of technical experiences, experienced in programming and problem-solving. Myself enthusiast and passionate about software engineering and always excited about adopting new technologies. Have experience of developing enterprise software with Asp.net/Asp.net core, EntityFramework, Angular 7, Cloud computing with azure and Amazon AWS And have a competitive programming contest history as a blue division ACM coder of Daffodil International University.

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### Problem-Solving with C/C++

Solved over 400+ problems in different online judges such as URI, UVA, LIGHTOJ, TIMUS, DEVSKILL, CODEFORCES. e.t.c.

**UVA, Codeforces, Hackerrank, Hackerearth and Timus solve Profile:**

<https://www.stopstalk.com/user/profile/lazyfahim>

**URI Online**

**Judge:** <https://www.urionlinejudge.com.br/judge/en/profile/84152>

**DevSkill:** <https://devskill.com/Home/PublicProfile/lazyfahim>

### Java Programming with Swing

Have done a simple java project on java swing framework while pursuing a Java object-oriented course in university. And used MySQL database on this project. The project is open source in the [project on Github](#).

**ASP.NET MVC5 Web application Development**

I have made a large project which is an online judge. Where people can practice problem-solving in c/c++. And it is a full-blown project to arrange a programming contest from an organization or somewhat else. I have faced several challenges such as making a sandboxing environment for code compiling. Removing malicious code before running the people's code.

Here is [a project description](#) that presents the features and used technology on this online judge project. And the live demo is in <http://tritron.centralindia.cloudapp.azure.com/>

#### **Single Page Application with ASP.NET core and Angular:**

Recently have learned Angular and upgrading my online judge project as a single page application with asp.net core and angular with component-based architecture.

<https://github.com/lazyfahim/tritronv2>

And have practised several projects such as

<https://github.com/lazyfahim/organicfruitshop> for learning angular.

#### **Github and other versioning systems**

I have experience of working with GitHub and other code hosting and versioning systems such as azure DevOps(formerly vstfs) and have experience of following the agile method with sprint a little.(though it was like mocking and not on a large scale).

#### **Devops:**

I use azure DevOps as DevOps service and wrote custom scripts for making CI/CD pipeline for Angular and asp.net core projects. And used amazon aws ec2 instance VM, azure web apps, azure VM , google cloud functions for deployments of my projects.

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## **Experience**

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2017-09===>2018-08

### **Co-Chair, ACM Team**

*Computer and Programming Club, Permanent Campus, DIU*

- > Train the new students of 1st and 2nd semester for take-off programming contest
- > Make questions for programming contest on the online judge
- > Duty as a judge on the live contest floor

2019-11===>Till Now

### **Junior Software Engineer**

*Dynamic Solvers Bangladesh Limited.Dhaka,Bangladesh*

- > writing rest api for web services,

- >writing windows services for long running services
- >Deploying software in server and configure servers.

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## Education

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2009-01==>2013-03

### Maheshkhali Model High School

GPA- 5

2013-06==>2015-04

### Maheshkhali Degree College

GPA - 4.42

2016-01==>2019-12

### Daffodil International University

CGPA- 3.48(project result not published yet)

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## Awards

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CSE FEST SUMMER 2016 INDIVIDUAL PROGRAMMING CONTEST  
- 2nd Runner Up

DIU Intersection Team Programming Contest- 2nd position  
(DIU\_Techfreak)