

July 13, 2017

## Md. Saiful Islam

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### CONTACT INFORMATION

SOFTWARE ENGINEER

Binate Solutions Ltd.

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**GitHub:** [github.com/saifulazad](https://github.com/saifulazad)

**StackOverflow:** [users/1919324/saiful-islam](https://stackoverflow.com/users/1919324/saiful-islam)

**Web:** [saifulazad.com](http://saifulazad.com)

### INTERESTS

Software engineering, System programming, Machine Learning and Embedded System Design.

### TECHNICAL SKILLS

**Programming and Scripting Languages:** Fluent in Python, Good at Java, TypeScript, learning C++, Shell Scripting

**Operating Systems:** Linux, Android, Windows, Raspbian

**Framework and modules:** Django, Django REST, Flask, Angular 2, Numpy, Pandas

**Tools:** Taiga, Git, Jira, Visual Studio, IntelliJ IDEA,  $\LaTeX$ , Android Studio

**Database Tools:** MySQL, Redis and Firebase

### PROFESSIONAL EXPERIENCE

[Binate Solutions Ltd](#), Mirpur DOHS, Dhaka. Bangladesh.  
*Software Engineer*

May 2016 – Current

- Implement new Business logic on service layer.
- Export and Import data to and from the external system via REST web service. .
- Become familiar on Django, Django REST and Angular 2 .
- Learning clean and maintainable code from mentors.

[Ice9 interactive Ltd.](#), Dhaka, Dhanmondi-32. Bangladesh.  
*Software Engineer*

Sep 2015 – Mar 2016

- Plan and design decision making software to classify correct product.
- Build a linear regression model by using gradient descent theorem to predict selling in future.
- Found several holes and deployed fixes in the AWS.

*Software Developer*

May 2015 – Aug 2015

- Experience about Broad-leaf e-commerce framework and its Design patterns.

Fractals Lab, Mirpur-12, Dhaka. Bangladesh.  
*Software Developer*

Aug 2012 – Jan 2014

- Design and implement ZmQ socket ( PUB-SUB model ) for GPS tracking.
- Implement Reseller base payment system for currency management.
- Design and implement LRU cache by using redis and SQLite.

PERSONAL  
PROJECTS

**Raspberry Pi 2 base Remote monitoring device by OAuth 2**

IOT based device to monitor sensor data and develop intelligent machine to analysis valid data and predict correct decision.

**Mobile application development**

Design an android based mobile application name "Boi Bahar" which is now published At [Google play](#) app store.

**Smart Home Automation System**

Fan speed, light intensity will be automatically changed with the change of Temperature and light intensity applying *Linear Regressions with two variable*.

PERSONAL  
ACHIEVEMENTS

Mentor at coursera on [Machine learning](#)  
Achieve Machine Learning [Certificate](#) from Coursera Course Certificates.  
Codeforce rated as [Specialist](#).  
Have solved 500+ problems in [UVA online judge ACM](#).  
Stackoverflow python documentation contributor.  
Participated in ACM ICPC Dhaka regional 2013 and 14.

EDUCATION

**Military Institute of Science and Tech**, Mirpur-12, Dhaka. Bangladesh January 2010 – January 2014

BSc in Computer Science and Engineering (CGPA 3.04/4.0)

**BAF Shaheen College Dhaka**, Dhaka, Cantonment. Bangladesh January 2008 – August 2009  
HSC (GPA 4.2/5.0)

**BAF Shaheen College Dhaka**, Dhaka, Cantonment. Bangladesh January 2006 – August 2007  
SSC (GPA 4.5/5.0)