

Md Awsaf Alam

Android & Web
developer

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Portfolio : <http://awsafdev.cf/>

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

About Me

I am a passionate developer waiting for the opportunity to learn new things. Development of any kind is a creative process, and I am happy to be a part of it.

Experience

Online Sohopathi / Lead Front-end Developer

AUG 2017 - PRESENT

I have developed the front-end interface for <https://onlinesohopathi.com/> this was developed from scratch using vanilla javascript, and Materialize library

BUET Robotics Society / WebMaster

JULY 2018 - PRESENT

I was in charge of maintaining and updating the main website <http://buetroboticssociety.com/>

KolpoBD / Tech Lead

OCT 2019 - PRESENT

Currently working on an order management and delivery system for the company.

Education

BACHELOR IN COMPUTER SCIENCE & ENGINEERING

Bangladesh University of Engineering & Technology

2015 - PRESENT

CGPA - 3.40

4 A* in EDEXCEL A LEVELS

Maple Leaf International School

2013 - 2015

6 A* & 1B in EDEXCEL O LEVELS

Maple Leaf International School

2011 - 2013

Awards

- Champion - CSE Fest Hackathon 2019
- Champion - GDG HackSprint 2018
- Champion - Tech For Peace Hackathon 2016
- Top 5 - Pioneros Business Case Competition 2015
- Finalist in GP accelerator 2018 for website "Online Sohopathi"
- Finalist in the a2i innovation fund 2018 for website and start up "Online Sohopathi"
- Finalist in the Youth Citizen Entrepreneurship Competition, Germany-2018 for website "www.onlinesohopathi.com"

Projects/Research

Android Development

1. Android Studio / Java

I have worked on several android based projects one of which was developing a health monitoring App for **CSE Fest Hackathon 2019**. Similarly I have developed other apps as well for other competitions etc, all of which are present in github.

2. Flutter

I am currently working on my ISD project in Flutter. Flutter is a very good framework for beautiful UI , and allows for development in both ios and android with same codebase.

Web Development

1. React JS

I have made a few single page web applications in React JS, and material UI. Later on I extended those to allow routing and http get/post requests.

2. Laravel

I am currently working on my ISD project and making an Admin panel in Laravel. The front end is made using blade, and apis are configured to connect the Admin panel with the Flutter app

3. Django

Only know the basic structure. Also developed a search engine using django filters for **Falguni hackSprint 2019**. The website crawls data from amazon, and stores them in a firebase database. When a user searches for a product the django frontend pulls in data from the frontend and displays it.

Research Works

1. Automatic Code Repair

A research project which aims in automatic code repair using Machine Learning. As part of the project I am making a web crawler in python using **Scrapy** which will crawl data from github. We will use to train our models.

Skills

Programming Languages:

Python, C, C++, Java, Assembly (80X86), HTML, CSS, JavaScript, PHP, XML, Matlab, Dart, Shell

Database:

Oracle, MySQL, Firebase, SQLite

Frameworks:

Laravel, React JS, NodeJS, Django, Flutter,

UI Libraries - Bootstrap, Materialize, Semantic UI

Embedded Systems - AVR Microcontroller, Arduino platform

Other - Latex, Microsoft office, Microsoft Excel, Microsoft Powerpoint.

Machine Learning:

I have learnt a using a few libraries such as pandas, sklearn, tensorflow etc, As well as machine learning using a models provided.

Distributed Systems/BlockChain:

I have started working with **Ethereum**, Solidity and understand the basics of blockchain.

Basics of **Docker** and running web applications of a **kubernetes** cluster using **nginx** also I have experience working with **AWS** servers, and **ssh** in terminal.

Miscellaneous

It is sort of my hobby to learn new skills, as well as new technologies in different fields. I also try to do some problem solving in **Codeforces/ LightOj** regularly.

Other Information:

- Medium - <https://medium.com/@awsaf>
- Facebook - <https://www.facebook.com/awsafanindo>
- Linkedin - <https://www.linkedin.com/in/awsaf-alam-99a561126/>
- Github - <https://github.com/AwsafAlam>
- Codeforces - <http://codeforces.com/profile/awsafalam>

References

Dr. Anindya Iqbal

Associate Professor, BUET