

MD. SADHAN SARKER

B.Sc. In Computer Science & Engineering

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GitHub: <https://mesadhan.github.io>
Portfolio <http://sites.google.com/view/mesadhan>
Activities <https://mesadhan.jimdo.com>
Personal <http://www.inktechs.com>



Career Objective:

As a self-motivated, responsible and quick learner, seeking for such a professional environment where have a dynamic and challenging task through which I can enhance my skills to prove the best of my ability in achieving the objective of the career. Try to lean new programming languages & Love to explore new tools & technologies.

Tools & Technological Skills:

Now Practicing DevOps Culture with following below tools and technologies (50% Skilled)

(Microservices, Docker, Containerizations, Testing, Kubernetes, OpenShift, Redis, RabbitMQ, Ansible, Jenkins, Elasticsearch, Code Review, Software Development Architecture Pattern, Software Design Pattern. Solid Principals and more.)

Mobile App Development (80%)

Android, RESTful API, SQLite, Room Database, Google Maps API, Service, MVP, Data Binding, Material Design, XML, AdMob Integrations, Telephony API, Device Connectivity, Socketing, Third-party libraries and APIs (Flexbox, Volley, Retrofit, okhttp, GSON, Glide, RxJava, Picasso etc.)

Backend Development (70% Skilled)

PHP, Laravel, MVC architectures, Unit Testing, HTTP Tests, Database Tests, ORM, Caching, Queuing, REST APIs, OAuth2.0, Passport, JSON, XML, Reflection API etc.
Java, Spring Boot, JDBC Template, QueryDsl, Jasper Report, Apache Tomcat 8

Git Version Control (Bitbucket, GitHub) (80% Skilled)

Fronted Development (75% skilled)

Html, CSS, JSON, XML, Bootstrap, Flex Layout, AJAX, JavaScript, jQuery, Typescripts, AngularJS, Angular5, Angular Material, EmberJS

Database Management System (SQL, NoSQL) (70% Skilled)

SQL Server, MySQL, MongoDB, SQLite

Projects & Working Area:

Designation:	Software Engineer (Present Working)
Department	Analytics & Innovation (Core Team)
Company:	<u>Leads Corporation Limited.</u>
Duration:	3rd September 2018 to continue
Project	Next Generation Enterprise Solutions (NGES)
Responsibility	Practicing DevOps culture, also writing testable and quality code, Adopting Microservices, RND with DevOps tools and Private Cloud. Develop enterprise custom frameworks with workflow engines. Develop rapid UI &UX frameworks.

Working Experiences:

Designation:	Student Associate (Part Time)
Company:	Daffodil Software Ltd (DSL)
Experience:	1 years 2 months
Designation:	As Junior Programmer (Part Time)
Company:	Open Digital Communication
Experience:	1 years

Educational Backgrounds:

Completed - 2019	“BSc in Computer Science and Engineering”
Institute	Daffodil International University, Dhaka, Bangladesh
CGPA	3.33
Completed - 2013	“Higher School Certificate”
Institute	Rajshahi Model School & College, Rajshahi
CGPA	5.00
Completed - 2011	“Secondary School Certificate”
Institute	Nazipur High School, Nazipur
CGPA	4.50

Achievements:

Certificate from Android Study Jam
Certificate from Android Student Club

Certificate from National Hackathon 2016 (2nd Runner-up)
Outstanding trophy form Daffodil International University
Certificate from ICT Game Development and Design
Certificate from DIU Student Prefect
Certificate from Android Study Jam
Certificate from Android Student Club

Interests:

- Programming and Software Development.
- Embedded Projects

Language Proficiency

Bengali **Bengali:** Can read, write, understand and speak fluently (native).
English **English:** Can read, write, understand and speak

Few Sample Applications:

Project Title	Online Admission System for Daffodil International University
Description	Applicants are using this system to apply in Daffodil International University on Any subjects and pay their admission fee. Admin offices are used for reporting, verification and SMS purposes.
Role	Associate Frontend & Backend Developer
Demo URL	http://admission.daffodilvarsity.edu.bd
Tools Used:	Angular5, Angular Material, Git, Flex-Layout, Java, Spring Boot, REST APIs etc.
Project Title:	Grade Sheet Approval for Daffodil International University
Purpose	Multiple types of Grade sheet Approval setup manageable for admin offices. Base on given setup admin officer approve submitted grade sheet.
Role	Associate Frontend & Backend Developer
Demo URL	http://gradesheetapprove.daffodilvarsity.edu.bd
Tools Used	Angular5, Angular Material, Git, Flex-Layout, Java, Spring Boot, REST APIs etc.
Project Title:	School Management System with Mobile Application
Description	This application fully customizable for School management. System Features are Student Admission able, Subject Assignable, Exam Creatable, Automatic ID card generate able, Teachers and Students Attendance Take able through manually or Bio-Metric fingerprint Device. Teacher can assign students Exam marks though this system. Mark sheet will be automatically generatable. System intergraded with bull SMS APIs so when student punch on biometric device it able to send SMS to their guardian. Admin users also generate students repots. This application continuously developing base on the institute requirements.
Role	Developer & Designer
Demo URL	http://soft.inktechs.com

Tools Used Laravel, Passport, OAuth2, Caching, Notification, MySQL, Composer, and Git, Html, CSS, Bootstrap 3, JavaScript, Angular.js, AJAX, REST and JSON

Project Title **Who Is Caller**

Description WhoIsCaller: Caller ID & Call Blocker is the best app for identifying unknown callers and number blocking functionality. It is the simple and most accurate Caller ID app can help you instantly identify the incoming calls not in your contact list. Features are Tracks the name, Operator of incoming number and location of the caller at the time of incoming call, Add numbers to blacklist, Complete information of any mobile number with its Service provider, Easy Call Logs, Easily you can detect received call, missed call, rejected call, Call drop call, Caller Profile with details, Search any Number from our huge contact list, Smart Contact list.

Role Developer and Designer

Demo <https://play.google.com/store/apps/details?id=com.pixonlab.whoiscaller>

Tools Used Laravel, PHP, MySQL, Git, RESTful API, Android, Broadcast receiver, service, SQLite Database, Android Telephony Manager, JSON, Volley, Material Design, Telephony Manager, XML

Project Title: **Last Minute News**

Description Newspaper application. This application develops focused on Bangladeshi Users but Country base categories available. Features Read the best news from national & regional newspapers & websites, Browse by categories- a personalized home screen with easy access to your favorite topics. Add Categories to your news home, Read, like, and share, share news over Hangout, SMS, WhatsApp, Email, Facebook or any other app you have installed, Keep updated with the latest news from different popular newspapers. Read news offline, Push Notification

Role Developer

Demo <https://play.google.com/store/apps/details?id=news.pixonlab.com>

Tools Used: PHP, Lumen, MySQL, Web Scraping, Git, RESTful API, Android, Java, SQLite Database, JSON, Volley, AdMob Integrations, Services, GSON, Picasso, Material Design, XML,

Project Title: **Earthquake**

Description Android base earthquake application. User Search by their house location and number to know their house is safe or not, User get information about previews earthquake records. User get notification when somewhere earthquake happening and weather notification every day. When earthquake happening in Hazard Map showing those location. Services contains emergency contacts information like thana, police, and hospital information, etc. This application also has weather forecasting daily and 7 days report.

Role Developer

Tools Used: Android, Java, PHP, MySQL, RESTful API, JSON, Volley, Google Map, Services, GSON, Material Design, XML