



Sifat Abdullah

Jr. Software Developer

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EDUCATION

- **Brac University**
B.sc in Computer Science and Engineering
2019-2023
CGPA- 3.35 out of 4
- **Mirpur Cantonment Public School & College**
Higher Secondary Certificate
2018
- **Monipur High School**
Secondary School Certificate
2016

SKILLS

- Java
- PHP
- Html, Css
- Java Script
- Laravel
- Node js
- My Sql, Mongo DB
- MS Office
- Adobe Ps, Ai

CERTIFICATIONS

- Effective Problem-Solving and Decision-Making
[Verify](#)

LANGUAGES

- Bangla
- English

ABOUT ME

I am an ambitious computer science student at BRAC University. My primary academic programming language is Java. Basic Python has also been taught to us. In my database course, I also learned about SQL queries, and I combined raw PHP code with SQL queries to create a simple car rental website. I also learned about web development tools from internet resources and used the Laravel framework to create an e-commerce website utilizing the MVC design pattern. My understanding of system analysis, design patterns, and architectures is adequate. I have experience managing Scrum sprints using Jira software. In addition, my undergrad thesis area of information security and blockchain networks is one in which I have a keen interest. I will be completing my graduation by the end of May 2023. I'm now searching for a full-time job or an internship to advance my professional skills in order to pursue a career in software development or related fields.

KEY PROJECTS

Fashion e-commerce Store

The system is created in the Laravel framework following the MVC pattern. MySQL is the database management language, and PHP is used on the backend. A pre-built template is used for the front end. The system offers a separate admin dashboard where you can operate crud operations and handle orders, products, and other administrative tasks. The user interface is kept straightforward to make it easier for customers to place orders.
<https://github.com/SifatAbdullah98/ecommerce-project>

Hiking assistant

This is a hardware project for an academic course. The Arduino microcontroller and its corresponding code are in charge of controlling the system. BMP280, Neo 6M, DS18B20 sensors, and SIM 900A modules are used for tracking and emergency message transmission.

Insurance Validation

The purpose of this system is to authenticate customers in order to ensure the security of the health insurance system. The user is required to undergo a verification process for all digital data, which will later go through conversion into a smart contract and deployment onto the blockchain network. Here, three types of users are managed using the middleware function.
https://github.com/SifatAbdullah98/insurance_thesis

THESIS

Advance health insurance system based on the smart contract of Ethereum blockchain :

In this thesis, we propose to build a secure and efficient system for the unorganized health insurance sector to make it more reliable to the insurance service provider also the general people. It will reduce Fraud activity and transaction security is a plus. Implemented smart contract of Ethereum blockchain and proof of authority as the consensus algorithm for security and reliability together.