

# Sadikul Haque Sadi

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## Skills

- C# | Javascript | JQuery | Python | Java | C++ | Dart | PHP | HTML | CSS
- .NET MVC | Flutter (Desktop) | QT (C++) | Visual Studio | Visual Studio Code
- MSSQL | NOSQL | MSSQL Server Management Studio | DBeaver | Git | SourceTree

## Experience

### Software Engineer Level-1      Enosis Solutions      01/2023 - Current

- Working as a Full Stack Developer on ASP.NET MVC Technology
- Requirement analysis, task breakdown and time estimation
- New feature implementation and bug fixing

### Software Engineer Intern      Orion Informatics Limited      01/2022 - 06/2022

- Worked in the R&D team on data analytics with Microsoft Power BI Technology
- Customized graph representation (e.g. created density map) to generate reports
- Embedded Power BI graphs in website.

## Projects

### Bangla Braille to Text Translator      QT Creator | OpenCV C++      01/2020 - 12/2021

- First Braille to Text Translator software for Bangla language
- A desktop software that takes scanned handwritten braille image as input and outputs human readable text file
- The software is being currently used in Dhaka University's Central Library
- [Project Details](#)

### Autistic Children's Learning Tool      Flutter | Hive Dart      06/2022 - 12/2022

- A desktop software to help autistic children to learn with visualization (image, audio, video)
- The user Interface has been designed following HCI design principles specially tailored for autistic children
- It tracks and analyzes an autistic child's learning time, helping teachers evaluate performance with graphs.
- [Source Code](#)

### Stocker.ai      CNN-LSTM | Tensorflow Python      06/2022 - 12/2022

- A web application for visualizing and analysing Dhaka Stock Exchange Market data
- Led the machine learning team for stock market data analyzing and trend prediction
- Generated buy-sell signals using technical indicators to assist users in making stock trading decisions
- [Project Details](#)

## Education

### Bsc in Software Engineering      University of Dhaka      01/2018 - 12/2022

- **Courses included (but not limited to):** Data Structure & Algorithm, Object Oriented Programming, Database Management System, Software Requirements Specification, Design Pattern, Software Security, Software Testing and Quality Assurance, Software Project Management, Machine Learning, Artificial Intelligence

## Others

- Won *Best Poster Award* (2nd Prize) for 'Bangla Braille to Text Translator' poster presentation on Research-Publication Fair, Dhaka University, 2022
- Participated in various programming contests - ICPC regional, Intra department & Inter department programming contests
- Solved numerous problems on Codeforces and Leetcode platforms