



## MD SHANJID AREFIN

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### OBJECTIVE

Recent engineering graduate motivated to apply technical skills and problem-solving abilities in software development. With **350+** problem solving experience across different platforms i.e, Leetcode, Hackerrank, eager to contribute in a collaborative team environment.

### EDUCATION

<b>Khulna University of Engineering &amp; Technology, Khulna</b>	01/2019 - 03/2024
Bachelor of Science in Computer Science and Engineering	
<b>Govt. M. M. City College, Khulna</b>	07/2016 - 04/2018
Higher Secondary Certificate Exam	

### TECHNICAL SKILLS AND INTERESTS

<b>Programming Language</b>	C++, C, Java, Python
<b>Technical Tools</b>	OpenGL, Unreal Engine, Arduino IDE, Raspberry Pi
<b>Frameworks</b>	ASP.NET, Java Swing
<b>Cloud/Database</b>	Oracle DBMS, MySQL, Firebase
<b>Version Control</b>	Git, GitHub
<b>Areas of Interest</b>	Web Development, App Development

### PROJECTS/THESIS

- **DiyaGlass: An Assistive Device to Read and Move** *Thesis*  
*An academic thesis and project on Smart Eye-wear device.*
  - Tools & technologies used: Raspberry Pi Nano, Python
  - A thesis of smartware device which has modules of i. Fall Detection, ii. Object Distance Detection iii. Image to Text Conversion and feeding the output to the bluetooth speaker
- **Book Shop - ASP.NET** *Project*  
*A web development project of online book store*
  - Tools & technologies used: C#, ASP.NET Core MVC
  - The web project is based on ASP.NET Core MVC.
- **3D Dynamic Airport - OpenGL** *Project*  
*Project on Computer Graphics featuring controllable dynamic aeroplanes, lighting and texturing etc.*
  - Tools & technologies used: OpenGL 3.3, C++, GLAD
  - Maintained the principles of Object Oriented Programming
- **Smartphone Indetails - Java Desktop Application** *Project*  
*Java Desktop Application to know the specifications of smartphone before buying it and comparing it with others.*
  - Tools & technologies used: Java, Swing
  - phpMyAdmin (MySQL) is used for the database with the tool - XAMPP
- **EFG: Escape From Ghost Game** *Project*  
*An Artificial Intelligent based game project built on Unreal Engine 5*
  - Tools & technologies used: Unreal Engine 5, BluePrint, MegaScan Library
  - A 3D horror game where AI ghost will try to find the player. 2 Modes - Survive Till Dawn & Find Escape Door
- **Lawyer Management Database System** *Project*  
*A project of Lawyer Client data management*
  - Tools & technologies used: Oracle DBMS
  - Several database entries, commands, queries are executed on this project.
- **Emotion Detection System** *Project*  
*An Android application aimed to recognition emotion by Facial Expressions*
  - Tools & technologies used: Java, TFLite Model
  - This project mainly focuses on integrating Machine Learning model on an android application