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| **Abrar Hasan**  Mirpur-13, Dhaka  **Personal Phone No**: +8801521584145  **E-mail**: [abrarhasan1998@gmail.com](mailto:abrarhasan1998@gmail.com)   |  |  |  | | --- | --- | --- | | [**GitHub**](https://github.com/abrarhasan3/) | [**LinkedIn**](https://www.linkedin.com/in/abrarhasan3/) | [**YouTube**](https://www.youtube.com/@abrarhasan4197) | |  |

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| Objective |
| A recent Computer Science and Engineering graduate from KUET, ready to thrive in a software engineering role. Proficient in Python, Java, C++, C, and Swift, with hands-on experience in developing innovative software solutions. I have a sound knowledge of GitHub and a well-documented project repository. As the President of the KUET Debating Society, I honed leadership, communication, and problem-solving skills, which complement my technical expertise. Additionally, my experience managing a successful YouTube channel showcases my creativity and ability to communicate complex ideas effectively. Eager to leverage this diverse skill set to contribute meaningfully to dynamic projects and drive organizational growth. |

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| Education | |
| BSc. (Engr.) Computer Science and EngineeringKhulna University of Engineering & Technology (KUET) CGPA: 3.64 | 2019-2024 |
| Higher Secondary School Certificate (HSC)Notre Dame College, DhakaGPA: 5.00 | 2016-2018 |

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| Thesis |
| A Study on Lightweight Cryptography Framework Based on Cellular Automata for IoT Applications*.* |

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| Academic Project | |
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| [Safe Road](https://github.com/abrarhasan3/System_For_Safe_Road.git) | **YOLOv4** **| Android Application** |
| This is a two-part project. An Android app is utilized in the first section formonitoring, route adjustment, and vehicle tracking. A traffic sign detectortrained with YoloV4 makes up the second portion. | |
| [**Modified Checkers Game**](https://github.com/abrarhasan3/Modified-Checkers-Game.git) | **Python | AI | Minmax Algorithm** |
| An AI based multiplayer game. Build with Pygame framework and minmax  algorithm. | |
| [**Mini Compiler**](https://github.com/abrarhasan3/Compiler-Project-for-3-2.git) | **Flex | Bison| C** |
| A compiler designed to transform a custom language code into C program  and execute it. | |
| [**Tuition Finder**](https://github.com/abrarhasan3/Tution_Finder.git) | **Swift | IOS** |
| An IOS application for the students and teachers for finding a tutor and apply for tuition. | |
| [**Stock Database**](https://github.com/abrarhasan3/Simple-Database.git) | **Oracle | Database** |
| Developed a stock market database project using Oracle 10G Express Edition.  Implemented several SQL queries for finding information. For example, analyzing  maximum price holdings, profits, losses, and owner information etc. | |
| [**Cardiac Recorder**](https://github.com/abrarhasan3/CardiacRecorder.git) | **Android | Java| Firebase** |
| Cardiac Recorder is a simple, useful and user-friendly android application to  monitor a person's heart rate, BMI and blood pressure | |
| [Railway Station Design](https://github.com/abrarhasan3/Rail-station-Design-in-Open-GL3.3.git) | **OpenGL 3.3** |
| A model rail station was designed using OpenGL 3.3. | |

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| Language Proficiency |
| proficient in **Bangla** and **English** |

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| Technical Skill | |
| **Programming Language** | C, C++, Java, Python, Swift, HTML, SQL |
| **Database** | Oracle, Firebase |
| **Framework and SDK** | IOS, Android |
| **Others** | GIT, LaTeX |

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| Competitive Programming | |
| [CODEFORCES](https://codeforces.com/profile/e-wiz) | Solved 364 problems with 1024 contest rating. |

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| Extra-Curricular Activities | |
| **President, KUET Debating Society**  Organized many workshops, intra-university and national tournaments **(KUET IV 2023)** for the university level students. | 2023-2024 |
| President, Science Club, Dinajpur Zila School Organized various sessions, workshops and science fairs | 2015-2016 |

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| Scholarships & Awards | |
| Dean's Award Dean's award from The Honorable Dean of Faculty of Electrical and Electronic Engineering (EEE), KUET for excellent results. | 2022 |
| Dean's Award Dean's award from The Honorable Dean of Faculty of Electrical and Electronic Engineering (EEE), KUET for excellent results. | 2021 |
| Dean's Award Dean's award from The Honorable Dean of Faculty of Electrical and Electronic Engineering (EEE), KUET for excellent results. | 2020 |
| ChampionFreshers League 2019Freshers’ League is one of the most prestigious tournaments arranged by KUET Debating Society. | 2019 |

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| Reference | |
| **Dr. M.M.A. Hashem**  **Professor**  Department of Computer Science and Engineering  Khulna University of Engineering & Technology,  Khulna -9203, Bangladesh  E-Mail: **hashem@cse.kuet.ac.bd**  Website: <http://www.kuet.ac.bd/cse/hashem/>  Phone no: **+8801714003949** | **Dr. K. M. Azharul Hasan**  **Professor**  Department of Computer Science and Engineering  Khulna University of Engineering & Technology,  Khulna -9203, Bangladesh  E-Mail: **az@cse.kuet.ac.bd**  Website: <https://www.kuet.ac.bd/cse/azhasan/>  Phone no: **+8801714087273** |