

Sk. Azraf Sami

Problem Solver

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🌐 LinkedIn 🐙 GitHub 🌐 Portfolio

🏠 883/1, East Shewrapara, Mirpur, Dhaka-1216

Education

- **Khulna University of Engineering & Technology (KUET)**
B.Sc in Computer Science & Engineering (2019 – 2025)
CGPA: 3.19
- **Notre Dame College, Dhaka**
Higher Secondary Certificate (HSC), Science (2017 – 2019)
GPA: 5.0 (out of 5.0)
- **Monipur Uchcha Vidyalaya & College, Dhaka**
Secondary School Certificate (SSC), Science (2011 – 2017)
GPA: 5.0 (out of 5.0)

Skills

- **Programming Languages:** C, C++, Swift, JavaScript, Java, C#, Assembly, Python
- **Networking:** Network Protocols, Packet Tracer
- **Web Development:** HTML, CSS, React, Express.js, Node.js, Django, ASP.NET MVC
- **Databases:** MySQL, MongoDB, Firebase, MSSQL, Oracle SQL
- **Blockchain:** Solidity, Brownie, Hardhat, IPFS Integration
- **Tools & OS:** Git & GitHub, Ubuntu, , Keras, TensorFlow, Autocad, Multisim, Active-HDL-FPGA Simulation

Projects

- **Smile (MERN Stack)** (Jan 2024) - A product posting and purchasing platform for KUETians using MongoDB, React, Express, and Node.js. Includes secure authentication and an admin panel. 🔗 **View Project**
- **Dream (MERN Stack)** (Sep 2023) - Official KUET Blood Donation Club website featuring an admin panel for management and integrated Telegram API for blood requests. 🔗 **View Project**
- **Hall Dining Management (Desktop App)** (Sep 2022) - A system for managing student reviews and hall dues, built with Java Swing and MySQL. 🔗 **View Project**
- **Safe Railway (Hardware Project)** (May 2023) - An automatic railway crossing bar using embedded systems, sensors, and weight-based detection. 🔗 **View Project**
- **Recording Blood Pressure (Android App)** (Jun 2023) - An app to track and manage blood pressure data with Firebase integration and unit testing for reliability. 🔗 **View Project**
- **Blood Donation (iOS App)** (Aug 2023) - A real-time blood donor search app with Telegram bot integration and push notifications. 🔗 **View Project**

- **Personal Blog Website (ASP.NET MVC)** (Sep 2023) - A blogging platform with admin and user roles, Bootstrap themes, and toast notifications. [🔗 View Project](#)
- **Compiler Design Project** (Nov 2023) - Explored lexical analysis and syntax parsing using Bison and Flex for a compiler design project. [🔗 View Project](#)
- **Hall Dining Management Database Project** (May 2023) - Managed student info, hall dues, and dining budgets using Oracle SQL with DDL, DML, PL/SQL, and triggers. [🔗 View Project](#)
- **Random Quranic Verse Browser Extension** (Nov 2023) - A cross-browser extension that displays random Quranic verses with API integration. [🔗 View Project](#)
- **Automatic Birthday Wish Sender (Google Apps Script)** (Sep 2022) - Automates birthday wishes via email using Google Sheets for friend information storage. [🔗 View Project](#)
- **Memes Generator (Image Processing)** (Mar 2024) - Web app for creating memes with features like text addition, collage, image enhancement, and background removal using Flask, OpenCV, and Django. [🔗 View Project](#)
- **SOS Paper-Pencil Game AI** (Jun 2024) - AI-powered SOS game with multiple difficulty modes (Fuzzy Logic, Genetic Algorithm, A*, Minimax) and play options (AI vs. Human, Human vs. Human). [🔗 View Project](#)

Experience

- **Physics Instructor** *Science Care Coaching Center, Khulna*
Feb 2023 – Sep 2023
- **ICT Instructor** *Uttoron Coaching Center, Khulna*
March 2024 – Present
- Solved 500+ coding problems on various competitive programming platforms:
 - [🔗 Hackerrank Profile](#)
 - [🔗 Codeforces Profile](#)
 - [🔗 LeetCode Profile](#)
- Contributed to popular open-source projects on GitHub.

Co-Curricular Activities

- **Head of Management**, Datathon Competition, BitFest2.0
- **Vice President**, Bit2Byte Club (Software Research & Development Community), KUET
- **Member**, Notre Dame Debating Club, Notre Dame College

Achievements

- **4th Position in KU Datathon-2024** - Competed among 100+ teams in the SynergyX 2024 National Competition.
- **KUET Technical Scholarship** - Session: 2021-2022.