Sourav Ahmed

Detail oriented, fast learner, tech enthusiasts

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EDUCATION

Shahjalal University of Science and Technology, Sylhet, Bangladesh
Software Engineering, *Jan' 19 - Jan' 24 (Expected)*
Institute of Information and Communication Technology (IICT)
 CGPA: 3.6/4 (till 3rd year 2nd semester)

Notre Dame College, Dhaka, Bangladesh *Jun' 16 - Jun' 18*
Higher Secondary School Certificate **GPA: 5/5**

PROJECTS

uBookSharing: University based Book sharing app with renting, buying etc. options.
- Flutter
- Firebase
- Dart
- Rive

Hall Management: Website for managing form submission, validation, issue submission, notice, payment submission, illegal student finding etc. **FrontEnd**, **BackEnd**, **SRS**
- ReactJs
- ASP.NET Core
- MySQL
- Javascript
- C#

Obstacle Detection: Using tensorflow the app describes and warns about obstacles.
- Java
- TensorFlow Light

3rd Eye: An app for blind people that can work with voice command, can read anything, has SOS and volunteer video calling.
- Java
- Android Studio

News Blog: A website for posting, editing and viewing blogs.(University project)
- JavaScript
- MySQL
- ExpressJs
- ReactJs

Hungry Camper: 3rd person game. You have to survive in a stranded island full of dangerous animals.
- C#
- Unity

Ftp Searcher: Command line app that searches through all available ftp link in Bangladesh and enlists all working links.
- Javascript
- NodeJs
- Flutter

Small fun projects: Touch The Ball :HTML,CSS,JS based game, Line follower and Bluetooth robot : C++ code, Splayer : Simple video player, Flutter advanced UI.

SKILLS

Problem Solving
- Solved 700+ competitive programming problems in various online judges using C++ and Python.
- Have intermediate level Algorithm and Data Structure knowledge.

UI and UX enthusiasm
- Love to learn new UI design principles. Likes to experiment with glassmorphism or neumorphism, Illustrations and animations like rive, lottie etc.

Design Pattern implementation
- Familiar with different types of design pattern and refactoring process.
- Loves to organize code for future use.

Database design
- Have grasp on the path of Requirement analysis to Database design.
- Worked with both SQL and NOSQL database.

Programming Languages
- C++, C#, Java, Python, JavaScript(HTML,CSS), Dart, SQL, LaTeX

Framework & Library
- ASP.NET, Android Studio, ReactJS, ExpressJS, NodeJS, Flutter, Arduino, MySQL, Firebase,
- GitHub, Docker

SOFT SKILLS

Great attention span, Attentive to detail, Team player, Communicative, Creative thinker, Humble, Eager to learn, Adaptive
Honest, Patient, Pious

Language Skills
- Fluent in both English and Bangla.

Achievement

SJ Innovation Hackathon
- Got **Innovative Idea** prize in Medical Category. *7 Oct' 21*
BdApps National Hackathon 2022
- 1st place Regional Round 3: Sylhet out of 100+ teams. *Aug' 22*
Hack NSU 2022
- 5th place in NSU ACM Student Chapter Hackathon. *Nov' 21*

Experience

Uttarbanga
- Created an application named Uttarbanga for an organization to help them keep track of payments and notifying the due and other notices. *Nov' 20 - Aug' 21*

Co-curricular

Creative executive at SUST ACM Student Chapter	*Jul' 22 - present*
Assistant office secretary at Manikganj Shamprity, SUST	*Jan' 22- present*
Assistant treasurer at Maavoi Abritti Samsad, SUST	*Jan' 20 - Jul' 20*
Volunteer at LICT Techfest, IICT, SUST	*Mar' 19*
Organizing Committee SUST SWE Technovent 2023, IICT	*Jan' 23*

Hobbies

Drawing
- Watercolor, Sketch, Digital Illustration
Recitation
- Anchoring, Public speaking
Tech events
- Attracted to current technology and software.
Open-source lover
- Always try to find new and robust open-source software. Learn from them and share them.
Watching horror movies, reading books, traveling places, listening old songs.