SOURAV AHMED

Detail-oriented, fast learner, tech enthusiast

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Present Address: Sylhet, Bangladesh
Permanent Address: Manikganj, Dhaka, Bangladesh

EDUCATION

Shahjalal University of Science and Technology, Sylhet, Bangladesh
Software Engineering *Jan' 19 - Jan' 24 (Expected)*
Institute of Information and Communication Technology (IICT)
CGPA: 3.55/4 (till 3rd year 2nd semester)
Notre Dame College, Dhaka, Bangladesh. HSC **GPA: 5** *Jun' 16 - Jun' 18*

PROJECTS

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

Hall Management: Website for managing form submission, validation, issue submission, notice, payment submission, illegal student finding, etc. **FrontEnd**, **BackEnd**, **SRS**
- ReactJs
- ExpressJs
- MySQL

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

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

FTP Searcher: Command line app that searches through all available FTP links in Bangladesh and enlists all working links.
- JavaScript
- NodeJs
- Flutter

Small fun projects: Hungry Camper: 3rd person game made with C# and Unity, **Touch The Ball**: HTML,CSS,JS based game, **Line follower and Bluetooth robot** with C++, **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 trends. Likes to experiment with different design approaches i.e Glass-morphism, Neumorphism, Neubrutalism, Motion design, with Rive, Lottie, etc.

Database design
- Have a grasp on the path of Requirement analysis to Database design.
- Worked with both SQL and NoSQL databases.

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

Framework & Library
- Android Studio, ReactJS, ExpressJS, NodeJS, Flutter, MySQL, Firebase, Arduino
- Git & GitHub, Unity

SOFT SKILLS

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

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 maintain membership and help them keep track of payments and notify the due and other notices. *Nov' 20 - Aug' 21*

CO-CURRICULAR

Creative Executive at SUST ACM Student Chapter *Jul' 22 - present*
Assistant Treasurer at Maavoi Abritti Samsad, SUST *Jan' 20 - Jul' 20*
Organizing Committee SUST SWE Technovent 2023, IICT *Jan' 23*
Assistant Office Secretary at Manikganj Shamprity, SUST *Jan' 22- present*
Watercoloring, sketching, Digital Illustrating, Recitation, Anchoring, Public speaking