

# 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 • Dart • Rive  
**Hall Management**: Website for managing form submission, validation, issue submission, notice, payment submission, illegal student finding, etc. **FrontEnd**, **BackEnd**, **SRS**  
• ReactJs • NodeJs • ExpressJs • MySQL • JavaScript  
**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)  
• JavaScript • MySQL • ExpressJs • ReactJs  
**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**: 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 trends. Likes to experiment with different design approaches i.e Glass-morphism, Neumorphism, Illustrations, and animations like Rive, Lottie, Framer-motion, etc.  
**Design Pattern implementation**  
- Familiar with different types of design patterns and refactoring processes.  
- Loves to organize code for future use.  
**Programming Languages**  
- C++, C#, Java, Python, JavaScript(HTML,CSS), Dart, SQL, L<sup>A</sup>T<sub>E</sub>X  
**Framework & Library**  
- ASP.NET, Android Studio, ReactJS, ExpressJS, NodeJS, Flutter, Arduino, MySQL, Firebase,  
- Git & GitHub, Docker, Unity

## 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