

# Nusrat Jahan

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Portfolio : <https://nusrat6342.netlify.app/#>



## CAREER OBJECTIVE

I possess strong critical thinking abilities and exceptional problem-solving skills. I thrive in environments that foster growth and am eager to apply my fresh perspective to contribute to the organization's success. I am excited about the opportunity to enhance my experience in machine learning and contribute to the organization's goals in this role.

## EDUCATION

### **Daffodil International University**

Bachelor in Computer Science and Engineering – 3.67/4.00

### **Holy Cross College**

Higher Secondary Certificate (Hsc), Science – 5.00/5.00 (90%)

### **Mirpur Bangla High School**

Secondary School Certificate (Ssc), Science – 5.00/5.00(88%)

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## PROJECTS

- Developed a facial expression classifier using the Adam optimizer algorithm.
- Thief detection using computer vision.
- Fire alarm using computer vision.
- Weather Monitoring System that provides valuable insights into air quality and weather conditions in real-time using Arduino.
- Smart Village System using C++, OpenGL.
- Employee Management System using MySQL,HTML/CSS/JavaScript.
- Student Information System using Java, MySQL.

## PROFESSIONAL EXPERIENCE

**Company Name:** Titas Gas Transmission and Distribution Company Limited

**Responsibility:** Worked for Installation of Prepaid Gas Meter (IPGM), which is a JICA project(Japan International Cooperation Agency).

- Developed a web system for IPGM customer care using Laravel
- Maintained the Agile framework throughout the development cycle to ensure efficient and effective software development.
- Worked on both front-end and back-end development, creating responsive user interfaces and ensuring efficient database management.
- Designed and developed the database for the new system, ensuring efficient and secure data management.

- Conducted training sessions at Upay for employees to use the newly developed system, ensuring seamless implementation.
- Provided technical support to end-users of the system, resolving issues and ensuring optimal system performance.
- Conducted regular maintenance of IT equipment of IPGM project, including hardware and software updates and repairs.
- Participated in meetings with Japanese and local vendors to ensure project requirements were met and to build strong business relationships.

## **TECHNICAL SKILLS AND LANGUAGE PROFICIENCY**

- Programming Language: C, C++, JAVA, Python
- HTML5, CSS, Bootstrap, JavaScript
- PHP, MySQL, Laravel, MongoDB
- Capable to communicate wisely and have good writing, reading skills in both English and Bengali
- Excellent in writing report, research paper, using canva and making presentation

## **CERTIFICATIONS:**

- [Data Science & Machine Learning with Python \(4 Months\) organized by Skill Jobs.](#)
- Java Programming and Software Engineering Specialization organized by Duke University on Coursera

## **EDUCATIONAL ACHIEVEMENTS AND SCHOLARSHIPS**

- Government talent pool scholarship for outstanding result in Junior School Certificate (JSC) exam.
- 100% waiver during undergraduate degree at Daffodil International University based on excellent results in HSC and SSC

## **EXTRA CURRICULAR ACTIVITIES**

- Performer at 11<sup>th</sup> SOUTH ASIAN GAMES
- Member of Holy Cross Debate Club
- Holy Cross College Handball Team Runners-up (2015)
- Ex-Volunteer Holy Cross College
- General Member of Girl Scout from class 7-10

## **OTHER INVOLVEMENTS and INTERESTS**

- Finalist of Battle of Minds
- Semi Finalist Of Hult Prize

## **REFERENCE**

- References are available upon request