

# Nusrat Jahan Jerin

## Undergrad Student

✉ jerinusrat001@gmail.com 📞 01533750217 📍 Sust, Sylhet 🌐 Github 📁 Portfolio 📊 Codeforces 🏆 Leetcode  
🎮 kaggle jerryBerry 🌐 LinkedIn

### 👤 PROFILE

An undergraduate skilled in full-stack development and machine learning, with experience building scalable platforms. Passionate about problem-solving and continuous learning.

### 🧩 COMPETITIVE PROGRAMMING

Solved over 700 problems on Codeforces, UVa, Vjudge, and HackerRank and other platforms, Participated in 50+ contests Profile: [codeforces.com/profile/Rub\\_y](https://codeforces.com/profile/Rub_y) 📄

### 🧠 SKILLS

#### Programming Languages:

JavaScript, Java, C++, Python

#### Development:

React, Next.js, Node.js, Express, Spring Boot

#### Version Control:

Git, GitHub

#### Database:

MySQL, PostgreSQL, MongoDB

#### DevOps & Cloud:

Azure- Web App, Docker

#### Others:

SQL, JUnit, Figma, Selenium, Postman

### 📄 COURSES & CERTIFICATES

**Python & Data Science** 📄 — EDGE-Ministry Of ICT

**Intermediate Database** 📄 — HackerRank

**Supervised Machine Learning: Regression and Classification** 📄 — Coursera

**Oracle Java Foundations** 📄 — Oracle

### 🏆 COMPETITIONS

**NASA Space Apps Challenge -2024,**  
International Hackathon Participant

**Therap Javafest-2025,**  
selected for showcasing project

**LUCC Hackathon - 2025**

**University Innovation Hub-cohort-4**

**IUPC Regional-2023**

**National Girls Programming Contest-2022**

### 🔧 INTERESTS

ML, FL, Life Science, Games, GENAI

### 🏢 PROFESSIONAL EXPERIENCE

#### Jr Software developer, Supplyr

11/2024 – 03/2025 | Remote

- Implemented advanced features including sorting, searching, filtering, pagination, and bulk operations.
- Improved performance by integrating mock data to reduce redundant API calls and minimize server load.
- Enhanced usability and user experience with a responsive UI that included sticky headers and skeleton loaders.
- Optimized a dynamic data table module for a Supply ERP platform using Vue.js, JavaScript, and REST APIs.

### 🎓 EDUCATION

#### B.Sc. (Eng) in Software Engineering,

Shahjalal University Of Science and Technology

04/2022 – Present | Sylhet

3.54 as of 5th semester

#### HSC, Govt Hazi Mohammad Mohsin College

07/2018 – 2020 | Chittagong

### 📁 PROJECTS

#### GradGuide,

Next.js, TypeScript, PostgreSQL, Node.js, Express, Hugging Face. 📄

- Created an event management module with SSLCOMMERZ integration and a chat feature.
- Utilized real-time job reviews and Huggingface university data to provide relevant information.
- AI powered customizable Career Roadmap
- Chat with event organizers
- Mock quiz module generated and evaluated using AI
- Deployed securely on Supabase, Azure, and Vercel.

#### StoreAnything, Spring Boot, JavaScript, TypeScript, Docker 📄

Built a practice file storage service using Spring Boot for a REST API and Docker for containerization.

#### BuzzQuiz, React, Node.js, Express 📄

A role-based online quiz platform where Admins create diverse quizzes and Students register, take quizzes, and receive instant marks.

#### Blue Lab Chair Detection, Roboflow 📄

An end-to-end object detection solution by annotating a custom dataset and training a YOLOv11 model with Python and the Ultralytics framework. Later integrated Flask.

#### Other Projects:

- Query bot: DIALO-GPT bot trained with a datascience dataset
- Games: 2D treasure hunting-JavaSwing, Snake-C++
- Pomodoro, Weather, ToDo applications built with Flutter.
- Home Rental App: A Complete solution for finding home

### 🏠 ORGANISATIONS

**KIN**, Humanitarian org specially works with underprivileged

**SUDS**, SUST debate club