

Nusrat Jahan Jerin

Undergrad Student

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 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

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: An Complete solution for finding home

ORGANISATIONS

KIN, Humanitarian org specially works with underprivileged

SUDS, SUST debate club