

Md. Jewel Rana

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Education

Dhaka University of Engineering & Technology, Gazipur
B.Sc. (Engg). in Computer Science and Engineering

CGPA: 3.14/4.00
August 2020 – October 2024

Professional Experience

DOER Services PLC, Web Developer

April 2024 – Present

- Developing web-based applications using Node.js, Hapi.js, PostgreSQL, Angular, and RESTful APIs.
- Collaborating with teams to implement secure authentication and scalable databases.

Technical Skills

- **Languages:** C, C++, Python, JavaScript
- **Web Development:** Node.js, Express.js, Hapi.js, Angular, RESTful APIs
- **Databases:** MySQL, PostgreSQL, MongoDB
- **Tools:** Git, GitHub, GitLab, Visual Studio Code, DBeaver
- **Other:** Data Structures and Algorithms (DSA)

Achievements & Competitions

- Participated in ICPC Preliminary Round.
- Solved 800+ problems on competitive programming platforms.
- Maximum rating of 970 on Codeforces, 1472 (2-star) on CodeChef.

Leadership Experience

Network & Communication Secretary

DUET Computer Society

- Organized technical seminars and workshops, enhancing student engagement.

Projects

- **Food Management System:** Developed a system for order management and delivery tracking.
- **CRUD API:** Created a RESTful API with Hapi.js and PostgreSQL for record management.
- **Table Data Extraction:** Built a Python tool using OpenCV and OCR for extracting data from images.
- **Task Management System:** Designed an Angular and Node.js app for task tracking.