

# Md Tanvir Hassan Joy

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## EDUCATION

### Daffodil International University

Bachelor of Science in Computer Science and Engineering

CGPA: 3.86/4.0

**Relevant courses:** Algorithms, Operating systems, Data structures,  
Data mining, Database management system, Artificial intelligence, Software engineering

Dhaka, BD

Dec. 2019 – Jan 2024

## SKILLS

**Technical:** C++, JavaScript, Node.js, Express.js, React.js, Redux, HTML, CSS, MongoDB, PostgreSQL, Docker, Socket.IO

**Version Control:** Git, GitHub

**Office Tools:** Word, PowerPoint, Google Docs

**Developer Tools:** Postman, VS Code

## PROJECTS

### Portfolio / React, Framer motion

[Source code](#)

- Personal portfolio
- Live at <https://joy-portfolio-chi.vercel.app/>

### Pandamarks / React, Shadcn, Redux, Express, and MongoDB

[Source code](#)

- Web application to streamline the way users save, organize, and retrieve their favorite websites
- Focused on presenting user bookmarks in a visually appealing way
- Live at <https://pandamarks-app.vercel.app/>

### Downwatch / React, Node.js, Express, and MongoDB

[Source code](#)

- Uptime and downtime monitor for your websites
- A full-stack MERN application that monitors website uptime and sends email notifications when a site goes down or comes back up

### Vignere-cipher / React

[Source code](#)

- Encrypt and decrypt text using vignere cipher method
- Live at <https://vignere-cipher-six.vercel.app/>

### Galaxy solar system / C++, OpenGL, GLUT

[Source code](#)

- Team project done in university.
- Solar system animation using OpenGL and GLUT, showcasing detailed 2D models (planets, moons, and other celestial bodies)

## PROBLEM SOLVING EXPERIENCES

- Solved over 1050+ problems in different platforms
- Codeforces solve count: 550+, max rating: 1207
- Leetcode solve count: 150+

## OTHER ACHIEVEMENTS AND EXPERIENCES

- 387th (among 2481 teams) ICPC Preliminary Dhaka Site
- Team- DIU\_ENDGAME
- Regional Physics Olympiad - Bronze medalist

2023

Dec 2015