

# Nibir Joydhar



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📍 Wari, Dhaka, Bangladesh 📅 21 Dec 2002 🌐 nibirjoydhar

🔗 nibirjoydhar

## 🎓 Education

### BSc in CSE Jagannath University

Jan 2020 – present | Dhaka, Bangladesh  
CGPA: 3.53 (till 4-1)

## 🏠 Organizations

### IEEE General Member

Oct 2023 – present | Dhaka, Bangladesh  
Active volunteer in various program organized by IEEE JnU CS BD

## 📁 Projects

### Ride Me

#### An android application for booking an instant ride

**Key Features:** Ride-Hailing Services, Search location, Surge Pricing, Rating System, Safety Features, Update Bio.

**Built With:** Java

**Database:** Firebase

### Organic Food

#### A web application to sell and deliver pure organic food

**Key Features:** Shopping & Tracing, Reviews & Rating, Online payment, Update Bio.

**Tools and Technologies::** HTML, CSS, JavaScript, PHP, MySQL

### Line Following Robot

#### An IOT project can follow line and able to detect obstacle

**Key Features:** Autonomous Navigation, Line Detection Sensors, Real-time Processing, Motor Control, Obstacle Detection

**Used Components:** Arduino Uno, IR Sensor 5 Array, Ultrasonic Sonar Sensor, Motors, Wheels, Power Supply etc.

### Smart Lock

#### A smart Lock system with finger print and online access control

**Key Features:** Fingerprint Recognition, Smartphone Integration, Multiple Access Methods, Activity Logs

**Tools and Technologies:** Fingerprint sensor, Solenoid lock, Arduino Uno, Relay, Power Supply, Java(for Android App Development) etc.

### Crop Recommendation System 🌱

#### A machine learning project

Crop recommendation System is a **machine learning** project which is built with **python** (Flask). It has learned from previous dataset and able to recommend the best crop based on the soil and weather condition.

### Job-Board 🌱

#### A dockerized cloud based job searching web application

**Key Features:** Register, Login, Create and Update Profile, Dashboard (Admin, Job Seeker & Employer), Post Job, Search Job, Apply Job, Edit Job, Delete Job.

**Tools and Technologies:** HTML, CSS, Bootstrap, JavaScript, PHP, MySQL

## 📁 Experience

### CP Trainer For Juniors

Jan 2022 – present | Jagannath University

Trained junior students C, C++ programming, Data Structures, and Algorithms.

## 🧠 Skills

### Problem Solving

Solved 2000+ Problems at different online Judges.

Codeforces - nibirjoydhar 🔗 - max rating 1580

LeetCode - nibirjoydhar 🔗 - max rating 1679

CodeChef - nibirjoydhar 🔗 - max rating 1842

CodingNinjas - nibirjoydhar 🔗 - max rating 2439

### C/C++

OOP, Data Structure, Algorithm, STL

### Java

OOP, Data Structure, Algorithm, GUI

### Python

OOP, Matplotlib, Machine Learning, NumPy, Pandas, SciPy, Django, MongoDB

### Other language worked with

HTML, CSS, Bootstrap, JavaScript, TypeScript, JQuery, React, Node, PHP, Laravel, SQL, MySQL

### Operating System

Ubuntu, Linux, Windows 7, Windows 10, Windows 11

### IDE

Visual Studio Code, Sublime Text, CodeBlocks, Netbeans, PyCharm

### Additional Skills

Git, GitHub, CI/CD pipelines, Docker, Kubernetes, Learning New Tools, Leadership, Critical Thinking, Communication, Teamwork, Time Management, Adaptability, Continuous Learning, Attention to Detail, Microsoft Word, Microsoft Excel, Microsoft PowerPoint, Photo Editing, Video Editing, Graphics Design.

## 🏆 Honors & Awards

### Champion in JnU Intra University Programming Contest, 2024 🔗

ID: nibirjoydhar

### Champion in CSE Sports Carnival Programming Contest, 2023 🔗

ID: nibirjoydhar

### 2nd in Bangladesh (globally 556) in IEEEExtreme 17.0 🔗

Team: JnUxTeam

### 4th in Bangladesh (globally 420th) in IEEEExtreme 18.0 🔗

Team: JnUxTeam

### 27th in IUT 11th National ICT Fest Programming Contest 2024 🔗

Team: JnUxTeam

### 49th in BUET Inter University Programming Contest 2023 🔗

Team: JnU\_ABC

### 54th in BUET Inter University Programming Contest 2024 🔗

Team: JnU\_Shomonnoyok

### 54th in SEC Inter University Junior Programming Contest 2022 🔗

Team: JnU\_Droplets

### 89th in KUET Inter University Programming Contest 2025 🔗

Team: JnU\_Shomonnoyok

### 95th in UIU inter University Programming Contest 2025 🔗

Team: JnU\_Shomonnoyok

### 99th in ICPC Dhaka Regional 2023 🔗

Team: JnU\_TLE

### 116th in NCPC ONSITE 2023, JU 🔗

Team: JnUxTeam

### Participated in 14th National Undergraduate Mathematics Olympiad 2023