Nibir Joydhar

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📍 Wari, Dhaka, Bangladesh   📅 21 Dec 2002

in nibirjoydhar   ⊙ nibirjoydhar

🎓 Education

BSc in CSE
Jagannath University
Jan 2020 – present | Dhaka, Bangladesh
  CGPA: 3.54 (till 3-2)

🏠 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.
  Front-End: HTML, CSS
  Back-End: JavaScript, PHP
  Database: 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
A machine learning project
  Crop recommendation is a **maching leanring** project which is built with **python**. It has learned from previous dataset and able to recommend the best crop based on soil and weather condition.

💼 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 1574
  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, React, JavaScript, Node, PHP, SQL, MySQL

Operating System
  Linux - Ubuntu, Lubuntu
  Windows 7,windows 10, windows 11

IDE
  Visual Studio Code, CodeBlocks, Netbeans, PyCharm

Aditional Skills
  Git, GitHub, CI/CD pipelines, Docker, Kubernetes, Learning New Tools, Leadership, Critical Thinking, Communication, Teamwork, Time Management, Adaptability, Continuous Learning, Attention to Detail

🏅 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 IEEEXtreme 17.0 🔗
  Team: JnUxTeam

4th in Bangladesh (globally 616) in IEEEXtreme 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

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