MORADIYA OM BIPINBHAI

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Education

Indian institute of technology Dhanbad: *B.Tech in Electronics and communications*		Dec 2021-may2025

Competitive Programming

			(username)
Codeforces:	Rating : 1826 (Expert)	Problem Solved :1300+	moradiya84
LeetCode:	Rating : 2185 (Guardian)	Problem Solved :900+	moradiya84
CodeChef:	Rating : 2150 (5-star)	Problem Solved :200+	m0radiya84
Atcoder:	Rating : 1343 (4-kyu)	Problem Solved :100+	moradiya84
GeeksForGeeks:	Rating : -	Problem Solved :200+	moradiya84
Project Euler:	Rating : Globally Top 1.2%	Problem Solved : 78+	moradiya84

Experience

Front-End Development intern   Aug 2023 - dec 2023
Amacle Studio,Part Time, Remote.
- Contributed to two key projects for the company, ensuring high quality and improved efficiency.
- Built a website's complete front end and enhanced another by carefully debugging and adding features.
- Certificate of Intern

Projects

Big Integer Library for C++
- Developed a library `biginteger.h` to handle Arbitrarily Big Integers in C++.
- This library provides support to perform various operations on Big Integers in C++ which is not operable by classical data structure like 32-bit data structure(int) or 64-bit data structure(long long).
- Ensured robustness by incorporating edge case handling, such as negative numbers and zero operation.
- **Tech Stacks:**C++, Object Oriented Programming, HTML, React JS, Node JS.
- **GitHub:** Big Integer Library.

DataPipe - (Dynamic ETL Pipelining for E-Commerce Backend Data)
- Implemented ETL (Extract, Transform, Load) pipeline for an e-commerce dataset.
- Developed three fully automated pipelines to handle different aspects of the data.
- **Tech Stacks**: SQL, Python, OOPS, Threading, HTML, React JS, Node JS.
- **GitHub:** Datapipe.

ACHIEVEMENTS (link of all the achievements)

- Got **ALL INDIA RANK-1**(out of 1 million+ candidates)in **Mathematics in JEE Mains.**
- Finalist(top 65 out of 38600+ participants) of **'Hack-On'**-2024 Hackathon conducted by Amazon.
- Finalist(top 100 out of 110k+ participants) of **'HackWithInfy'**-2024 Hackathon conducted by Infosys at infosys Headquarter(pune) and advanced to Grand final(Top-6 teams out of 20).
- Winner of Doctorate level Math Research competition **'Mathsquivesta'** by The math club of IISER kolkata.
- Finalist in 3-mathsketeers conducted by the official M&C department of IIT(ISM)Dhanbad in 2022 & 2023.
- Got 4169 All India Rank in JEE Advanced and 4701 in JEE Mains.

GLOBAL RANKS

Codechef Starter-124	Secured Global Rank 16.
Codechef Starter-114	Secured Global Rank 26.(and under 100 other 15 times)
LeetCode Biweekly Contest-112	Secured Global Rank 133.(and under 1000 other 11 times)
Codeforces Round 917(div2)	Secured Global Rank 589.
Codeforces Pinely round(div1+div2)	Secured Global Rank 856.(and under 1000 other 14 times)

TECHNICAL SKILLS

Programming Language: C++, C, Python, Javascript, html, css.
Other Skills: Data Structures and Algorithms, Machine learning, Deep Learning,Object Oriented Programming, Operating System, MATLAB, Applied Mathematics, Problem Solving.

POSITIONS OF RESPONSIBILITY

- Was a Mentor of **CODEtronics,** a society for mentoring our college juniors in Competitive Programming.
- Member Of Electronics and IOT club at IIT(ISM) Dhanbad.