

# PRACHI NANDI

## B.Tech. | NIT Rourkela

2020-2024

Computer Science & Engineering

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## LINKS

LinkedIn:// [prachiNandi](#)

Github:// [prachi237](#)

Codeforces:// [prachi237](#)

Codechef:// [prachi555](#)

LeetCode:// [prachi237](#)

HackerRank:// [prachi237](#)

Portfolio:// [prachi-nandi](#)

## EDUCATION

2020-2024 (PRESENT)

NIT ROURKELA

Computer Science and Engineering

CGPA : **8.89/10**

INTERMEDIATE

MP & EV School, Visakhapatnam

Percentage: **94%** (CBSE)

HIGH SCHOOL

KV.NO.3 Gandhinagar, Gujarat

CGPA: **10/10** (CBSE)

## SKILLS

LANGUAGES

C/C++, Python, javascript, SQL

FRAMEWORK/LIBRARIES

React.js, NumPy,

Scikit-learn, Matplotlib, pandas,

Selenium, Beautiful Soup

OTHER SKILLS

Web Scraping, Machine Learning

UI/UX, System design Leadership

## COURSEWORK

Data Structures, Algorithm

Database Engineering

Computer Org. & Architecture

Statistics & Probability

Discrete Structures

Formal Language & Automata theory

Machine Learning

Finance & Market

## EXPERIENCE

2022 **RESEARCH INTERN AT SOFTWARE FREEDOM LAW CENTER INDIA**

Building database and software using web scraping with **Selenium, beautiful soup**, pertaining to the software patents.

## PROJECTS

MAY'22 **CROPIFY**

[Source Code](#)

- Crop yield diagnostic tool, a ML model to help farmers.
- Implemented **Random Forest group Algorithm** using python libraries: Pandas, Matplotlib, Numpy

FEB'22 **SISTA**

[Source Code](#)

- Implemented **Kmean clustering algorithm**, built ML model using python libraries: **NumPy, Matplotlib, Pandas**.
- Helps women in tech to form communities and empower.
- **Best use of explainable ML model project winner** in StormHacks'22 an International Hackathon.

NOV'21 **CODHERSGRAM**

[Source Code](#)

- Web-application built using **React.js** and **google cloud**.
- It aims to solve the challenges women in STEM fields face in their professional career.
- **Best women empowerment project winner** in Girls Hoo Hackathon'21

OCT'21 **OFFICIAL WEBSITE LEO CLUB**

[Source Code](#)

- Developed the **official website** of LEO using React.Js.
- Chief mode of publicity for the chapter with feature volunteer management for 200+ volunteers and 10+ initiatives.

## ACHIEVEMENTS

2020-NOW **Ratings on Coding Platforms**

[Profile Links](#)

**Codeforces: (Pupil) 1308** | Codechef: 1681 (3 stars) | LeetCode: (3 stars) | Hackerank: C++(4 stars), C(4 stars), problem Solving(3 stars)

FEB'2022 **Project winner** in StormHacks'22 an International Hackathon.

NOV'2021 **Project winner** in Girls HOO Hackathon'21

2020-NOW Microsoft Learn Student Ambassador

2021-NOW Harvard WECODE'21 Tech Fellowship

AUG'2020 **JEE mains: 99.5 percentile, AIR Rank: 5844**

2017-2019 Qualified JMO (School Rank 1), ResoVista Gujarat (State Rank 4)

## POSITIONS OF RESPONSIBILITIES

MAY'22 **Mentor under Institute counselling services, NIT Rourkela**

Guiding 20+ students with their academic needs.

DEC'20 **Google Developers Student Club (GDSC) NIT'R**

Core team member, Organiser of HACKNITR (college hackathon)