

Prachi Nandi

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EDUCATION

NIT ROURKELA

B.TECH. IN COMPUTER SCIENCE

2020-2024 (present)

CGPA: 8.9 (Absolute)

MP & EV SCHOOL,VIZAG, AP

INTERMEDIATE

Percentage: 93.6% (CBSE)

KV.NO.3, GANDHINAGAR, GUJARAT

MATRICULATION

CGPA: 10/10 (CBSE)

LINKS

Github:// [prachi237](#)

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

Codeforces:// [prachi237](#)

Leetcode:// [prachi237](#)

Codechef:// [prachi45](#)

Interviewbit:// [prachi237](#)

HackerRank:// [prachi237](#)

Portfolio:// [prachi2nandi](#)

SKILLS

PROGRAMMING AND TOOLS

Programming Languages:

C/C++ • CSS+HTML • Javascript

Python

Library/Frameworks

React.js • Node.js • Express.js • Pandas

NumPy • Matplotlib

Database

SQL • MongoDB

Other Tools:

Figma • Firebase • Azure • Git

Operating System

Ubuntu • Windows

COURSEWORK

UNDERGRADUATE

Data Structure and Algorithms

Database Systems

Computer Networks

Object Oriented System Design

Software Engineering

Operating Systems

Real time system Design

EXPERIENCE

SFLC.IN | TECH RESEARCH ASSISTANT INTERN

May 2022 – July 2022 | New Delhi, India

- Researched on patentability of softwares per se under the Patents Act, 1970
- Built database and software using web scraping with Selenium, beautiful soup, pertaining to the software patents.

PROJECTS

AGRITECHS

[GITHUB LINK](#)

- Agricultural assistant to farmers. Detects soil moisture content, Automate Irrigation and Crop Yield Prediction.
- Implemented Random Forest group Algorithm using Python.
- Built web-app with **React.js** and used **firebase** to store the real time data from **sensors** and **Node MCU**.

MEDICHAIN

[GITHUB LINK](#)

- Blockchain project to create a secure, decentralized platform for storing and sharing healthcare data.
- Worked on frontend using **React.js**, **IPFS** and **AMD VM** instance.

SISTA

[GITHUB LINK](#)

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

ACHIEVEMENTS

- MLH Hack-ccelebrate'23: Winner First Overall and best Domain Name from GoDaddy Registry.
- MLH Hack-commerce'23: Winner Best Use of Velo by Wix.
- Best ML project winner in StormHacks Hackathon-Feb'22.
- Project winner in Girls HOO Hackathon-Nov'22
- Microsoft Learn Student Ambassador
- Harvard WECODE'21 Tech Fellowship
- JEE mains 2020: **99.5 percentile**
- Qualified JMO 2017(School Rank 1), ResoVista Gujarat(State Rank 4)

RATINGS IN CODING PLATFORMS

[PROFILE LINKS](#)

• Codeforces: (Pupil) 1308 • Codechef: 1681 (3 stars) • LeetCode: 300+ Problems • HackerRank: C/C++(4 stars), problem Solving(3 stars)

POSITIONS OF RESPONSIBILITIES

May'22- **MENTOR UNDER ICS, NIT ROURKELA**

Guiding 20+ students with their academic needs.

Dec'20- **GOOGLE DEVELOPERS STUDENT CLUB (GDSC) NIT'R**

Organised HackNITR4.0, largest student run hackathon in India