Prachi Raj Singh

✉ prachirajsingh3@gmail.com 📞 +91 6205961867 📍 Ranchi, Jharkhand | Berhampur, Odisha 👤 Female

🏳 Indian Ⓜ Gmail in LinkedIn

Education

National Institute of Science and Technology,
B.Tech : Electronics and Communication Engineering
2020 – present | Berhampur, India
CGPA - 8.98 (Till 6th semester)

Vivekananda Vidya Mandir,
Senior Secondary (XII) : Science
2018 – 2020 | Ranchi, India
83.4%

St. Thomas School, *Matriculation (X)*
2006 – 2018 | Ranchi, India
82%

Skills

Programming Language
C, Java, Verilog, Embedded C, Python

Tools and Environment
Arduino IDE, MATLAB, COMSOL Multiphysics, EDA playground

Database Management
RDBMS, MySQL

Web Development and Designing
HTML, CSS, JavaScript

Data Analytics

Courses/Trainings

Google Data Analytics, *Coursera*
10/2023

PwC launchpad Program, *PwC*
03/2023 – 08/2023

System Design Through Verilog,
IIT Guwahati Through Swayam NPTEL ⧉
07/2022 – 09/2022

Programming With Python, *Internshala Trainings* ⧉
07/2022 – 09/2022

Arduino Platform And C Programming,
The University Of California, Irvine Through Coursera ⧉

Languages

- Hindi

- English

Professional Experience

E&T trainee, *Central Coalfields Limited*
06/2023 | Ranchi, India

Web Development and Designing Intern,
Oasis Infobyte
11/2022 – 12/2022

Projects

Air Quality Monitoring System
10/2023 – present
IoT based air quality monitoring system that will detect pollutants content in air and send alerts and data will be displayed in a web page.

Smart Waste Management
2023
A smart dustbin as a part of smart Waste management that would open and close automatically and send alert when it is full to reduce municipal corporation patrolling.

Web Designing
11/2022 – 12/2022
Responsive web pages: basic calculator which does basic mathematical operations, Landing Page for a gift shop, a To-Do list to keep note of your daily as well as important tasks using HTML,CSS and JavaScript.

3x3x3 LED Cube
07/2022
A cube of LED which can show various patterns depending on the code using soldering of LED with Arduino UNO.

Achievement

Mettle Meet Quiz Competition,
Represented my College
2023 | Bhubaneswar, India
Conducted by Orrisa Post

National level drawing competition, *Runner up*
08/2022
Conducted by JRPCAA

Regional Level Atheletic Meet,
Represented my District
Ranchi, India