

# ALOK KUMAR DHAL

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## EDUCATION

National Institute of Technology, Rourkela

B.Tech., Electronics & Communication Engineering - CGPA 7.52/10.00

2019 – 2023

Rourkela, India

Deepika English Medium School

CBSE - Intermediate(10+2) - Percentage - 83.2%

2017 – 2019

Rourkela, India

Deepika English Medium School

CBSE - Matriculation(10th) - CGPA/Percentage - 10CGPA /95%

2016 – 2017

Rourkela, India

## EXPERIENCE

Tata Power Southern Odisha Distribution Limited

Graduate Engineer Trainee - Front-End Developer

2023-now

India

- Designed lat-long finder tool in GE SmallWorld that helped in improving the overall productivity of work by 15%.
- Managed works of different teams with Azure DevOps.
- Managing and Updation on GE. Smallworld and WEB application.

Chegg Inc.

Subject Matter Expert - Computer Science | Freelancing

2020 – 2021

India

- Helped users with their queries by answering questions related to Computer Science like Data Structures, Algorithms, Operating Systems, Computer Networks, Database Management, etc.

## COURSEWORK / SKILLS

- |                     |                       |                    |                      |
|---------------------|-----------------------|--------------------|----------------------|
| • DSA               | • OOP                 | • Machine Learning | • Azure Devops       |
| • Operating Systems | • Database Management | • Web Development  | • GE. GIS Smallworld |

## PROJECTS

Portfolio Website [↗](#) | HTML,CSS,Jquery,Javascript

[Github](#)

- Developed a responsive portfolio website using HTML, CSS, JavaScript, and Media Queries for seamless user experience across devices..
- Designed and implemented interactive UI components to showcase projects and skills effectively..

Omnifood [↗](#) | HTML,CSS,Jquery,Javascript

[Github](#)

- Built a responsive Real-world landing page for a premium food delivery service.
- This is built completely using Html ,CSS, JQuery and Javascript.

Vehicle Detection(ML) | Python,YOLOv5,COCO Dataset,TensorFlow

[Github](#)

- This is a Machine Learning Model to detect vehicles from an image and also from the videos by using the features of YOLOv5. with an accuracy of 85% .
- This model is based on MS COCO 2017 dataset and implemented using Python language.

## TECHNICAL SKILLS

- Languages: C, C++, Python, Java, JavaScript, HTML, CSS, Node.Js
- Technologies/Frameworks: MySQL

## CERTIFICATIONS/ACHIEVEMENTS

- |                                      |                                  |                              |
|--------------------------------------|----------------------------------|------------------------------|
| • Python Certification - Internshala | • Global rank 1253 - Leetcode    | • Global rank 311 - CodeChef |
| • CodeForces:Max Rating: 1275        | • CodeChef: 3*, Max Rating: 1723 | • Leetcode max rating- 1808  |

## EXTRACURRICULAR

Vice President Astro NITR

Technical Coordinator

2021 – 2022

NIT Rourkela

- Facilitated club events, and created an environment that's fair and a fun experience for all members involved.
- Organized regular team-meets to monitor club operations, responsible for promoting club through social media.