

AMAN KUMAR SINGH

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Linkedin

Github

LeetCode

GeeksforGeeks

EDUCATION

Kalinga Institute of Industrial Technology

2019 – 2023

B.Tech - Electronics and Telecommunication - **CGPA - 8.35**

Bhubhaneshwar, Odisha

COURSEWORK / SKILLS

- | | | | |
|---------------------------------------|-----------------|----------|------------------------|
| • Data Structure and Algorithms (DSA) | • OOPS Concepts | • C | • SQL |
| | • Java | • Python | • Software Engineering |

EXPERIENCE

Network and computer system administrator Intern at IFFCO [↗](#) | Computer Networking June 2021

- Learned and Implemented **Computer systems, LAN, WAN, Intranet.**
- Responsible for the day-to-day operation of the computer networks.
- to promote good practices widely applicable and easy to implement.
- to foster communities of practices centered on interoperability, reusability cooperation.
- to provide advice on how to best manage, disseminate, share, and exchange agricultural scientific information.

PROJECTS

LPG gas detector and safety device [↗](#) | IOT, Embedded and C

2022

- * This project developed with a customized board resulting in a more efficient and cost-effective
- * Our system gives users the ability to take immediate action in the case of gas leakage.

Automated Garbage Management System [↗](#) | C, IOT, Embedded system

2022

- * The study proposed developed with a customized IoT board resulting in a more efficient and cost-effective
- * Module Consists of 4-5 different types of users with different functionalities.
- * With the help of a microcontroller-based embedded system, integrated with a few sensors, the collection, and management of garbage can be fully automated.
- * Our solution will be low power consuming and solar powered to ensure all time usage.

Pizza Maker App [↗](#) | HTML, CSS, Javascript, ReactJs

2021

- * Develop the website in which Order Pizza with easy way.
- * Added **10-12 new features** like organize the user interface of the Module's **Home Page**

TECHNICAL SKILLS

Languages: Java, C, Python, SQL

Technologies/Frameworks: HTML5, CSS3, Django, MongoDB, Express, React, NodeJS, Bootstrap

Developer Tools: VS Code, PyCharm, IntelliJ,

Coding Platforms

- * **Leetcode:** 60000+ Rating, Solved 100+ Problems [↗](#)
- * **GeeksforGeeks** Solved 200+ Problems [↗](#)

CERTIFICATIONS

- Git and Github - GFG
- Java - Udemy
- Web Development - Webmonk
- Data Structure and Algorithm - Udemy

EXTRACURRICULAR

- * Taught basic C/DSA in offline Mode. 05-2022 – 12-2023
- * KIIT E-MUN Member from 2020-2023