

# Nilarghya Roy

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## EDUCATION

### JADAVPUR UNIVERSITY BACHELOR OF ENGINEERING IN ELECTRONICS AND INSTRUMENTATION ENGINEERING

Cum. GPA: 8.51 / 10.0  
(till 5th Sem)  
2020-2024 (Expected)

### JAWAHAR NAVODAYA VIDYALAYA (JNV)

CBSE, CLASS XII (PCM)

Percentage: 93.2%  
2019

CBSE, CLASS X

CGPA: 9.8/10.0  
2017

## PROFILE LINKS

LinkedIn:// [nilarghya-roy](#)  
Leetcode-Pri:// [roynilarghya](#)  
Leetcode-Sec:// [blah-blah-007](#)  
Codestudio:// [Nilarghya-Roy](#)  
Github:// [noob-nilarghya](#)  
HackerRank:// [roynilarghya](#)

## COURSEWORK

Data Structures and Algorithms  
Object Oriented Programming  
Database Management System  
Operating System  
Computer Networking  
Design and Analysis of  
Algorithms (DAA)

## SKILLS

### PROGRAMMING

Languages:

• C++ • C • Javascript  
• HTML • CSS

Frameworks:

• Node.js • Express.js  
• Bootstrap • Mongo DB  
• EJS • Socket IO

Familiar:

• Oracle SQL • GSAP

## EXPERIENCE

### ACCENTURE | ADVANCE APPLICATION ENGINEERING INTERN

June 2023 - Present | Remote

- Worked with **Network Security Team** (ISM-NA Sheared Services) at Accenture under Bangalore Office.
- Learned and configured the basics of **Cisco Networking (CCNA)** and **Cisco ASA Firewalls**.

### CODING NINJAS | TEACHING ASSISTANT, DSA

Nov 2021 - Dec 2021 | Remote

- Solved **100+ live doubts**, Debugged **70+ C++ codes** of DSA problems.
- Recieved an overall rating of **4.3/5.0**.

## PROJECTS

### MEALMATE | Deploy Link | Source Code

- Designed and developed a web application based on **MVC architecture** with back-end on **Node.js**, **Express.js**, and **Mongo DB database**.
- Implemented **CRUD functionalities** like Login, Logout, Register, Edit Profile info features.
- Also implemented **Payment Integration**, Add to cart and real-time order update features using **Socket IO**.
- Created its own secured **RESTful API** and enabled the creation of multiple pages using **EJS**.
- Utilized **HTML**, **CSS**, **SASS**, **Javascript** and **GSAP** to have a user-friendly and interactive front-end.

### TEXT-TO-IMAGE GENERATOR | Deploy Link | Source Code

- A full stack web app based on **MVC architecture** with back-end on **Node.js**, **Express.js**.
- Used **LeapAI's API**, a deep learning model that generates images from text input.

## CERTIFICATES

- **Problem Solving** (Intermediate, Basic) [HackerRank]. [LINK](#)
- **Introduction to modern C++**. [NPTEL] [Link](#)
- **Rest API** (Intermediate) [HackerRank]. [Link](#)

## ACHIEVEMENTS

- Leetcode Max Rating **2001 [Knight]** (900+ problem solved, >81% Medium-Hard).
- Globally Ranked of **580, 840, 1209** in various Leetcode Contests.
- Codestudio Max Rating **2010 [Level-7, Expert]** (400+ problem solved, >70% Medium-Hard).
- **Finalist** and achieved **rank 400 out of 90k+** candidates in IICC(Innovate India Coding Championship), 2022.