

# NALIN AGRAWAL

Competitive Programmer | MERN Stack Developer

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🌐 [nalin-programmer.github.io/Portfolio/](https://nalin-programmer.github.io/Portfolio/)

## EDUCATION

Bachelor of Technology (C.S.E.): -  
Indian Institute of Information Technology, Pune (IIIT Pune)  
8.45 CGPA 📅 2019-Present

12th-Board: - Sanskar Public School, Gwalior  
85.2% 📅 2018-19

10th-Board: - Gwalior Glory High School, Gwalior  
10 CGPA 📅 2016-17

## WORK EXPERIENCE

MERN Stack Back End Developer

IIITians Network

📅 Dec 2020 - Apr 2021 📍 Remote  
Open-Source Project

- Worked on **COMET-Backend-OS** repository of **Project COMET** with organised workflow on **GitHub**.
- Contributed as a member of **Delta Team** on a community platform which connect nearly 5000 IIITIAN students and clubs from 25 colleges together.
- Designed **Club Schema** to add feature of creating clubs and, hence created **Club Controller and routes** to join frontend and database.
- Added **Validator** to validate the messages sent and received are in appropriate format.
- Made **chats more interactive** by adding features like **star** a comment or reply.
- Implemented **Mentor, Moderator and Member** hierarchy among all members of a club in club schema.
- **Supervised** creation of comment and reply feature of the project.
- Experienced important skills while contributing to community like project management, work- time management, team work and effective & efficient communication.

## SKILLS

C, C++, Python, Java,  
Data Structures, Algorithms,  
React-JS, Node-JS, Express-JS, HTML, CSS  
Firebase, MongoDB, MYSQL

## ACHIEVEMENTS

- Achieved **Specialist** Level on **Codeforces** with max rating 1421.
- Achieved rank of **5 Star** coder in **Codechef** with max rating 2050.
- Qualified for **Google CodeJam** in **2020** and **2021** Qualification Round.
- **School Rank 2<sup>nd</sup>** in 19<sup>th</sup> SOF **Nation Science Olympiad (NSO)** of 2017.
- Received **Certificate of Merit** in CSBE class **10<sup>th</sup> Board Examination**.

## PERSONAL PROJECTS

Lococart (React-Js/ Node.js/Express-Js/MongoDB)

- A bidding-based ecommerce project in MERN stack.
- Customers add their shopping list and seller bid on it by default, seller with minimum price gets the order.
- All sellers within a local area can bid on the order within 3 hours bidding window.
- It ensures that customers can get best prices on products they want.

Donation Website(React-Js/ Node.js/ Express-Js/MongoDB)

- Developed in MERN stack, it is an online donation website.
- Here people who want to donate things will add them to website and those people who need them can request.
- It is the choice of person giving the donation to accept it or not.
- It will make sure that real needy person gets the donation as per the will of the donor.

## COURSE WORK

- Object-oriented programming - OOP
- Operating System - OS
- Data Base Management System - DBMS

## LANGUAGES

**English** - Full Professional Proficiency  
**Hindi** - Full Professional Proficiency