

Nitin

ravithaber@gmail.com | 8397965960 | Bhiwani District, Haryana, India
LinkedIn | GitHub

EDUCATION

Indian Institute of Information Technology, Design and Manufacturing, Kancheepuram, Chennai, Tamil Nadu, India
BTech in Computer Science with Major in Artificial Intelligence; GPA: 7.8 2022 – 2026

PROFILES

LeetCode Profile

Profile: <https://leetcode.com/u/nitin0461>

- **Achieved** Knight status on LeetCode with a highest ratings of **2100+**, ranking in the top **2.38%** global coders.
- **Mastered** 850+ **DSA** along with lot of Competitive Programming Problems by **competed** in over **50+ contests**.

Codeforces Profile

Profile: https://codeforces.com/profile/nitin_choudhary

- **Conquered** over **1200+ problems** across **75+ contests** and with full dedicated practice of since one year.
- **Attained** the **Specialist** with a rating of **1583**. By facing lot of downfalls in this **CP** journey.

CodeChef Profile

Profile: <https://www.codechef.com/users/nitin0461>

- **Solved 100+ problems**, achieved the **4-Star** rank with a maximum rating of **1900+** with good consistency and hardwork.
- **Ranked 163** out of 5000 participants in Starters #147 (Div. 2) by solving 5/7 problems.

PROJECTS

450-DSA Checklist Project

GitHub Link: <https://github.com/nitin0461-choudhary/450-DSA-Checklist-Project>

- **Developed** a comprehensive web-based platform to assist users in tracking their progress in solving over 460+ DSA and competitive questions on all topics based on the **DSA-Cracker Sheet** along with good User Interface.
- **Engineered** optimized backend processes using **Express.js Node.js** and **MongoDB**, and along with **React.js Routers** for providing good performance **reducing server response time by 80%** and supporting **200+ concurrent user sessions**.

iNotebook

GitHub Link: <https://github.com/nitin0461-choudhary/iNotebook>

- **Developed** a secure and feature-rich **web application** using the **MERN stack** to manage personal notes efficiently.
- **Implemented** secure **JWT-based user authentication**, ensuring robust data protection and privacy.
- **Designed and optimized** responsive **UI**, using **React and Bootstrap**, ensuring seamless functionality across devices.
- **Built and optimized** backend architecture with **Node.js** and **MongoDB**, improving performance and scalability.
- **Integrated full CRUD functionality**, enabling users to **add, view, update, and delete notes** seamlessly through an intuitive interface.

Object Counting

GitHub Link: <https://github.com/nitin0461-choudhary/ObjectCounting>

- **Built** a **MERN application** that uses a **pre-trained YOLOv8 model** to count up to **80 object categories** in video.
- **Developed** a **React.js frontend** for uploading videos and visualizing object counts, with **Node.js, Express.js, and MongoDB** managing backend processing efficiently.
- **Integrated Flask/FastAPI as a bridge** between the **model** and the **Node.js backend**, enabling seamless communication via **REST APIs and WebSockets** and **OpenCV and NumPy** enhancing real-time detection speed and accuracy.

ACHIEVEMENTS AND CERTIFICATES

All India Rank 30 — Secured this rank in the Inter IIIT Coding Contest, conducted by IIIT-Bhopal (2024). [Certificate]

AIR 299 in IICPC Codefest 2025 — achieving **Regionalist** status in the prestigious competitive programming competition. [Certificate]

Finalist in IIT Madras Shaastra 2025 Competitive Programming Contest — showcasing strong problem-solving skills at a national level. [Certificate]

Natural Language Processing — Successfully completed the NPTEL course, covering NLP techniques such as tokenization, text classification, and machine translation. [Certificate]

SKILLS

Languages: Java, React, Python, C++, JavaScript, HTML5, SQL, C, Python, CSS.

Tools: Git, Github, MongoDB, Node.js, Express.js, Bootstrap, NPM, OpenCV, Scikit-learn.