Nitin

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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: 8.01   *2022 – 2026*

PROFILES

LeetCode Profile
Profile: https://leetcode.com/u/nitin0461
- **Achieved** Knight status on LeetCode with a highest ratings of **2000+**, ranking in the top **2.38%** global coders.
- **Mastered** 800+ **DSA** along with lot of Competitive Programming Problems by **competed** in over **50+ contests**.
- **Outperformed** 25000 participants, by getting global rank **526** in Weekly Contest #407 by solving all problems in 1 hour.
- **Secured** Global rank of **894** out of 32000 in weekly Contest #420 by solving 3 outoff of 4 problems in 40 mins.
- **Dominated** 30000 competitors by achieving **897th** position in Biweekly Contest #138.By solving 3/4 problems in 40 mins.
- **Earned 200 Days**, **100 Days**, and **Monthly Badges** for consistent dedicated practice of more than **1.5 Years**.

Codeforces Profile
Profile: https://codeforces.com/profile/nitin_choudhary
- **Conquered** over **930+ problems** across **55+contests** and with full dedicated practice of since one year.
- **Attained** the **Specialist** with a rating of **1532**.By facing lot of downfalls in this **CP** journey.
- **Surpassed 3700** participants by ranking **608** in Codeforces Round #974 (Div. 3).By solving 4/6 problems
- **Excelled** by securing **1031/40,000** participants in Codeforces Round #984 (Div. 3).By solving 5 outoff 7 problems.

CodeChef Profile
Profile: https://www.codechef.com/users/nitin0461
- **Solved 100+ problems**, achived the **4-Star** rank with a maximum rating of **1860+** with good consistency and hardwork.
- **Ranked 163** outoff of 5000 participants in Starters #147 (Div. 2) by solving 5/7 problems.
- **Outshined** 5881 competitors, securing **119th** outoff of 6000 in CodeChef Starter #128 (Div. 3) by solving 4/7 problems.
- **Demonstrated** consistent excellence by finishing among the top performers in various contests.

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 our 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**.

Plant Leaf Detection Project
Google Drive Link: https://drive.google.com/file/d/1eT9XYv1DDvWn8FF4xobMHqpSG3FmApQm/view
- **Lead** a Data Science project to classify plant leaves, achieving **80% accuracy** with **ROC of 75%**.
- **Orchestrated** the deployment of a **CNN Model** with **TensorFlow**, **achieving over 90% accuracy** in image classification with more than 20+ class labels of plant leafs and 3000+ images for dataset .
- **Visualized** data using **Matplotlib** to enhance understanding and support **data-driven decision-making**.

RELEVANT COURSEWORK

Data Structures and Algorithms, Artificial Intelligence, Operating Systems, Web Development, Machine Learning, Object Oriented Programming, Database Management Systems, Computer Networks, Compiler Design, Theory of Computation.

ACHIEVEMENTS AND CERTIFICATES

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

Python for Machine Learning and Data Science — Completed an extensive Udemy course.

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

SKILLS

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

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