NITIN SRIVASTVA

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📍 India | GitHub

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EDUCATION

Jaypee University of Engineering and Technology, Guna   Expected Graduation: **May, 2024**
Bachelor of Technology, Computer Science and Engineering (**CSE**)   **CGPA: 8.2/10**
                                                                    MAX Semester SGPA: 8.6/10

Saraswati Vidya Mandir,Ballia
Senior Secondary : 92.4%   **(2018-2019)**
Secondary : 10CGPA   **(2016-2017)**

SKILLS

- **Strongest Area :** Data Structures (DSA) | Algorithms Design | Complexity analysis | Competitive Programming | OOPs
- **Programming Languages :** C | C++ | Python | Java
- **Web Development :** HTML | Cascading Style Sheets(CSS) | JavaScript(JS) | Scalable Full Stack
- **Tools & Framework :** React.js | Node.js | JSON | Git | GitHub | SQL | VS Code
- **CS Fundamentals :** Object Oriented Programming | Operating System | DBMS
- **Non-Technical Skills :** Problem solving | Leadership | Communication | Self Development | Networking | Collaborative

ACHIEVEMENTS

- **3 STAR CODER @CODECHEF** (Current Rating: **1755**)
- **Country Rank 9077** and **Global Rank : 10234 out of 4,00,000+** Competitive Programmers on CodeChef
- **GLOBAL RANK 264 out of 16401** Competitive Programmers in CodeChef May Cookoff 2022 in division 2
- Solved **1000+ questions** on all platforms combined (Leetcode, GeeksforGeeks , CodeChef, Codeforces, InterviewBit,HackerEarth)
- Completed **300** days of coding challenge and solved around **500+** questions on **Leetcode.**

PROJECTS

Music_NFT - Blockchain| Github   Jan 2023
- Designed and implemented a Music_NFT project, leveraging **blockchain technology** which is **80%** more safer than web2.
- Developed a **Decentralized platform** to create, tokenize, and sell music assets as non-fungible tokens (NFTs)**.**
- Utilized blockchain technology to verify, authenticate and ensure transparency of royalty distribution for music assets; reduced royalty disputes by **40%** and increased artist satisfaction by **50%**.
- We implemented using Hardhat which has **20** public accounts and through which we can deploy and test the project.

AI Virtual Mouse - **PYTHON |** GitHub   Oct 2022
- Developed an AI virtual mouse using **Python** libraries such as that implement the basic function of mouse.
- Implemented **Computer vision** techniques and **machine learning** for real-time hand movement tracking and interpretation.
- Integrated **Mediapipe** and **OpenCV** for hand detection, landmark tracking, and gesture recognition by using **21** co-ordinate system on our palm and **5** fingers.
- Utilized **PyAutoGUI** and **AutoPy** to emulate mouse cursor functionality and generate mouse events based on hand gestures
  with the help of **21** co-ordinates defined in Mediapipe.

Weather-API | GitHub   Jan 2021
- Incorporate a weather API to retrieve current weather data Research and select a suitable **weather API provider.**
- Implement the logic to send API requests and receive weather data.
- Store the retrieved weather data in a structured format (e.g., **database, JSON file**).

POSITION OF RESPONSIBILITY

Head of Programming Deparment
Mozilla Phoenix Club (Development Club at **JUET Guna**)   May 2021 - Present
- Contributed actively towards uplifting the coding culture in our college, managed to **increase active participants** on Programming sites(Codechef, Codeforces, Leetcode etc).
- **Teaching Assistant** in DSA learning series, **mentored** students with little to no exposure in coding.

Joint Secratery in Development Department
Mozilla Phoenix Club(Development Club at **JUET Guna**)   May 2021 - Present
- Took the initiative of **Problem Setting and Testing / Tester** in **10** + Contests organized by the club.
- Taken **Git Sessions**, in which software developer, and new selects(**freshers**) were invited for tech sessions.
- Taken a session on Basic of Web Development(eg: **HTML**, **CSS**, **Javascript**).