Neelesh Singh

Software Engineer
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LINKS

Github:// **neelesh7singh**
LinkedIn:// **neelesh7singh**
LeetCode:// **neelesh7singh**

SKILLS

Advanced:
C++ • Javascript
HTML • CSS
Competitive Programming
Data Structure & Algorithm Design
• Problem Solving • Complexity Analysis
• Object-oriented Design

Intermediate:
Python • C

TOOLS AND LIBRARIES

React • Node.js • Git • Express
MongoDB • Mongoose • p5.js
jQuery • REST API• Linux
• Relational Databases

EDUCATION

B.TECH IN COMPUTER SCIENCE

Amity University
Jun 2018-2022(Expected) | Lucknow, UP
CGPA: 7.82 / 10.0 (Upto 7th Sem)

LUCKNOW PUBLIC SCHOOL

Schooling
2011 - 2017| Lucknow, India

LANGUAGES KNOWN

Proficient:
• English
• Hindi

Beginner:
• Spanish

EXPERIENCE

FULL STACK DEVELOPER INTERN | Listiee

Jan 2021 - Jun 2021 | India
- Got selected from a pool of **200-250 applicants**
- Collaborated with a team of **3** to **optimizes the performance** of whole product
- Improved search engine indexing by 30% by creating a **dynamic site-map generator**
- **Increased user interaction** by adding the comment functionality.

OPEN SOURCE CONTRIBUTION

- **Actively contributing in Processing Foundation** since August, 2020
- Merged multiple **Pull Requests**
- **Found and removed bugs** from the platform
- Contributions been used by more than **thousands of people**

PROJECTS

PATHFINDING VISUALIZER | SELF-PROJECT

Apr 2020 – May 2020
- Created a **visualization tool** for different **path finding algorithms**
- Built using **VanillaJS**
- Implemented **5 different algorithms** and different **CSS animations**

AGAR.IO CLONE | SELF-PROJECT

Nov 2020 – Dec 2020
- Created a a clone of **massive online multiplayer game**
- Used **web sockets** for **real time data transfer** between client and server
- Implemented the game using **HTML canvas**

AI FLAPPY BIRD | SELF-PROJECT

Aug 2020 – Sep 2020
- Built Flappy Bird game and coded an AI for it using **NEAT algorithm**
- Created the game using **p5.js**
- Coded a **Neural Network** library in **JavaScript**

ACHIEVEMENTS

LEETCODE 1887 (KNIGHT) | TOP 25%

- Global ranking of **9,641 (Top 9%)**
- Global rank **492/12k (Top 4.1%)** in Biweekly Contest 58
- Global rank **650/13k (Top 5%)** in Weekly Contest 253

SOURCE CODE SOCIETY

- **Core Member** of Source Code Society, the **official coding club** of University.
- **Gave and arranged workshops** on introdution to **competitive programming**