Neha Poddar

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Education

Central University of Haryana   Sep 2023 - May 2025
Master of Computer Science   *Haryana, India*

Indira Gandhi National Open University   Jun 2018-Nov 2021
Bachelors of Science (Maths)   *Delhi, India*

Projects

1. **Smart Traffic Management System | Major Project**

Software Developer | Remote, India | *[Oct 2023-Dec 2023]*

- Developed an AI-powered Smart Traffic Management System to reduce congestion and optimize traffic flow.
- Integrated real-time traffic data using Google Maps API and IoT sensors for efficient monitoring.
- Designed & implemented a Django & SQL-based backend for traffic data storage and analytics.
- Developed & deployed a responsive web dashboard for real-time traffic visualization and emergency vehicle prioritization.
- Ensured secure authentication and API integrations for reliable system performance.

2. **Guessing Game | Personal Project**

Software Developer | Remote, India |

- Developed an interactive Guessing Game using Python with a user-friendly interface.
- Implemented random number generation using Python's random module for dynamic gameplay.
- Designed input validation and scoring logic to track user attempts and improve engagement.
- Tested & debugged the game to enhance user experience and eliminate logical errors.

LEADERSHIP:

- Student placement Coordinator, Central university of Haryana (Aug 2024-2025)
- Coding Club Coordinator, (CUH)

Technical Skills:

Languages: Python, Java, C, C++, JavaScript,HTML,CSS.
Technologies/Frameworks/Libraries: Data Structure and Algorithm, SQL.
Coursework: Computer networking, operating systems, OOPS, Algorithms, Algorithm Design, Relational database.

Work Experience:

- **SkillCraft Technologies** (8/2024- 09/2024):

SOFTWARE DEVELOPER INTERN: I have worked as a software developer, basically I have created some projects related to games like: **Guessing Game & Sudoku**.