

# Ishan Jha

Linkedin: [Ishan Jha](#)

Github: [IshanJha](#)

Email: [ij.ishanjha@gmail.com](mailto:ij.ishanjha@gmail.com)

Mobile: + 91-9456564070

## SKILLS

---

- **Languages:** Python, C++, C, Java
- **Frameworks:** HTML and CSS
- **Soft Skills:** Problem-Solving Skills, Team Player, Project Management, Adaptability

## PROJECTS

---

### AI Model for Autocomplete and Spellchecker

Jul 2024

- Designed and implemented an AI-based Autocomplete and Spellchecker for efficient text prediction and correction
- Utilized Hidden Markov Models (HMMs) for sequence probability estimation and context inference
- Integrated N-gram language models for accurate word predictions based on prior context
- Optimized model performance with probabilistic smoothing techniques like Laplace Smoothing for better handling of unseen words
- Successfully enhanced user experience by automating image-based queries and responses

**Tech:** N-gram Language Models, HMMs, Python

### Starbucks Website Clone Development Using Front-End Web Technologies

Feb 2023

- Engineered a pixel-perfect clone of the Starbucks website, demonstrating expertise in HTML, CSS, and JavaScript for interactive and responsive web design
- Leveraged media queries and modern CSS techniques to ensure cross-platform compatibility and responsiveness across various devices and screen sizes
- Recreated intricate design elements such as typography, color schemes, and layout structures, adhering to industry-standard web development practices

**Tech:** HTML, CSS, JavaScript

## CERTIFICATIONS

---

- Ethical hacking – Nptel - [nptel ethical hacking](#)
- DSA with C++ – Udemy - [udemy](#)
- Programming certification in C++ – Coursera - [Coursera](#)

## EDUCATION

---

- **Lovely Professional University** Punjab, India  
*Bachelor of Technology - Computer Science and Engineering* Since August 2022
- **Modern School** Rishikesh, Uttarakhand  
*Intermediate; Percentage: 85%* April 2020 - March 2022
- **Modern School** Rishikesh, Uttarakhand  
*Matriculation; Percentage: 80%* April 2018 - March 2020