

OM SHARMA

Jalandhar, Punjab

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EDUCATION

Lovely Professional University, Jalandhar

B.Tech - Computer Science and Engineering (Cloud Computing) - CGPA - 7.70

2022 – 2026

Jalandhar, Punjab

MGN Public School, Jalandhar

Class XII

2020 – 2022

Jalandhar, Punjab

St. Joseph's Convent School, Jalandhar

Class X

2015– 2020

Jalandhar, Punjab

PROJECTS

N-Queens-Visualizer [↗](#)

2024

- Developed an interactive N-Queens Visualizer using JavaScript, HTML, and CSS, implementing a backtracking algorithm for real-time queen placement and conflict detection.
- Created a user-friendly interface allowing users to input the board size and visualize the solution process dynamically.
- Implemented visual feedback with color coding to indicate safe and threatened positions for queens on the chessboard.
- **Tech Stack:** HTML, CSS, JavaScript, Backtracking Algorithm

eGrocery Website [↗](#)

2024

- Developed a static eGrocery Website using HTML and CSS, providing an online platform for users to explore various grocery items.
- Implemented a navigation menu for easy access to different sections, including categories and popular products.
- Created a login page with authentication functionality to enhance user experience and security.
- **Tech Stack:** HTML, CSS

CODING PLATFORMS

- Solved **200+** Problems on **Leetcode**. [↗](#)
- Solved **50+** Problems across **GeeksforGeeks** [↗](#)
- Solved **50+** Problems across **HackerRank** [↗](#)

TECHNICAL SKILLS

Languages: C++, Java(Basics), JavaScript, Python

Technologies/Frameworks: HTML5, CSS3, JavaScript, JSON, AWS, GCP

Developer Tools: Git, GitHub, MySQL, MongoDB (Basic), Visual Studio Code, Figma

CERTIFICATIONS

- Prompt Engineering for ChatGPT - Vanderbilt University
- The Bits and Bytes of Computer Networking - Google
- AWS Cloud Technical Essentials - Coursera

COURSEWORK / SKILLS

- Data Structures and Algorithms
- OOP Concepts
- Cloud Computing
- Operating Systems
- Computer Networks
- Database Management Systems
- Web Development