

# HARSHVARDHAN SINGH RAO

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🌐 Mylinkedln ID

📄 CNid

📄 GFGid

📄 Leetcodeid

## EDUCATION

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**Swami Keshvanand Institute of Technology (2021 – 2025)**

*B.Tech(INFORMATION TECHNOLOGY) - CGPA - 8.37*

**St. Anselm's Sr. Sec. School**

*Secondary School Examination - 10th Class*

**Noble International School**

*Senior School Examination - 12th Class*

## COURSEWORK / SKILLS

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|--------------------------------|-------------------------------------|----------------|--------------|
| • Data Structures & Algorithms | • CSS                               | • SQL          | • C++        |
| • HTML                         | • Database Management System (DBMS) | • OOPS Concept | • Javascript |
|                                |                                     | • C            |              |

## PROJECTS

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### Machine Learning House Price Prediction Application |

- **Objective:** Developed a web-based application to predict house prices using the Ames Housing dataset.
- **Technologies Used:** Python, Flask, Scikit-learn, Pandas, NumPy, Matplotlib, HTML, CSS, Javascript
- **Key Features:**
  - Implemented a machine learning model to predict house prices based on various features of the Ames Housing dataset.
  - Designed an HTML form to collect user input, which is then converted into a JSON object for the model to process.
  - Added a feature to auto-fill the form with random data from the dataset for quick testing.
  - Integrated the application into a serverless environment, optimizing it for deployment and scalability.
- **Deployment:** The application was deployed on onrender.
- **Licensing:** The project was released under the Apache License 2.0.
- **Live Demo:** <https://housing-price-prediction-mlapplication.onrender.com/>

## INTERNSHIP EXPERIENCE

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### **SKIT(IN-HOUSE), Web Development**

18th July 2022 - 4th Aug 2022

- Developed basic understanding of Web design and introduction to HTML, CSS, JavaScript.

### **Learn Smasher, C++ Programming**

15th Aug 2023 - 15th Oct 2023

- Developed a complete understanding of C++ programming language and OOP concepts.

## TECHNICAL SKILLS

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**Languages:** C, C++, SQL, HTML, CSS, JAVASCRIPT

**Developer Tools:** VS CODE, SUBLIME TEXT, MYSQL Workbench 8.0 CE

## CERTIFICATIONS

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|-------------------------------|--|------------------------------------|
| • HTML5 - Infosys springboard | • programming in C++-Infosys springboard | • CSS3 -Infosys Springboard        |
| • SQL-learnsql.com            | • DBMS -Infosys springboard              | • Hackerrank problem solving basic |
| • Hackerrank SQL GOLDE BADGE  |  |                                    |