

# Pratyush Singh

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## EDUCATION

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- **Indian Institute of Information Technology, Sri City** 2021 - 2025  
*Computer Science and Engineering* Chittoor, India
  - GPA: 6.43/10
- **Don Bosco School, Liluah** 2014 - 2020  
*ICSE and ISC* Kolkata, India
  - ICSE Class 10th: 91.6%
  - ISC Class 12th: 93.25%

## PROJECTS

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- **Real Estate Prediction WebApp** <https://github.com/PratSins/Real-Estate-Prediction-System>  
*JavaScript, Python, Flask, Scikit-Learn*
  - This is a end-to-end Real Estate prediction web application that predicts price of a flat in Bangalore.
  - Implemented using Flask server and uses a Linear regression model
- **Snake Game** <https://github.com/PratSins/SnakeGame-JS>  
*HTML, CSS, JavaScript*
  - This is the classic snake game re-built for the Web.
- **Java Economic Data Visualization Tool** <https://github.com/PratSins/Java-Data-Visualization>  
*Java, jChart, MySQL, JDBC*
  - This is a visualization tool built to evaluate the economic progress of a nation.
- **Face Detection Model** <https://github.com/PratSins/OpenCV-Practice>  
*Python, OpenCV*
  - It is program that is used to detect faces in a video.
  - It has great application in security cameras.
- **Tracking Baarbells Exercises** <https://github.com/PratSins/Fitness-Tracker>  
*Python, Tensorflow, keras*
  - This is simple data science project to evaluate sensor readings from a smart watch.
- **Election Analysis Data Project** <https://github.com/PratSins/Data-Analysis-Projects>  
*Python, Numpy, Pandas, Matplotlib, Seaborn*
  - A simple election analysis of Obama vs Romney 2012 US presidential election.
  - <https://github.com/PratSins/Data-Analysis-Projects/blob/master/DAEP-Election%20Analysis.ipynb>

## SKILLS

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- **Programming Languages:** Java, Python, HTML, CSS, JavaScript, C, C++
- **Web Technologies:** JavaScript, HTML, CSS, ReactJS, NodeJS, ExpressJS, SpringBoot
- **Database Systems:** MySQL, PostgreSQL, MongoDB
- **Data Science & Machine Learning:** Numpy, Pandas, Matplotlib, Tensorflow, Keras, SciKit-Learn, Pytorch, PowerBI, Excel
- **Cloud Technologies & Version Control:** GCP, AWS, Git

## HONORS AND AWARDS

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- **National Cyber Olympiad** 2014 & 2015  
*British Council*
  - Qualified the first round of NCO twice.
  - This was competition for showcasing your knowledge in Computing.

## CERTIFICATIONS

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- **Andrew Ng's Machine Learning Specialization** [Link](#)
- **Angela Yu's Web Development Bootcamp** [Link](#)