

# Hitansh Agarwal

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[GitHub](#), [LinkedIn](#)

Programming Languages: C++, C, Python, Java

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## Education

**Manipal Institute of Technology**

**Bachelor's of Technology in Mathematics and Computing**

Relevant Coursework: Design and Analysis of Algorithms, Fundamentals of Machine Learning, Data Structures, Advanced Programming, Problem Solving using Computers.

**Manipal, Karnataka**

**August 2023 - May 2027**

**St. Xavier's Collegiate School**

ISC (Indian Secondary Certificate) GPA: 93%

**Kolkata, West Bengal**

**April 2011 - April 2023**

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## Projects and Experience

**Machine Learning Project: F1 Qualification Prediction**

**March 2025**

- Built a **Machine Learning Model** using **Random Forest** to predict F1's Qualification order for the upcoming race based on data from the past races using the **FastF1 API**. The model achieved a **R<sup>2</sup> score** of 97% on the test set.
- Deployed as a web app with **Flask** and **HTML**.

**Freelance Developer**

**May 2023 - Present**

- Designed and managed websites for three companies using **Flutter** and **Firebase**.
- Managed the social media pages for 2 different companies over the past 2 years which included designing posters for publicity using **Photoshop** and **Canva**.

**Technical Director, X-Uberance**

**June 2022 - October 2022**

- Led a team of 15 to develop a **cross-platform app** and **website** for a school fest using **Flutter** and **Firebase**.
  - The application and website had over **2000 downloads** and around **5000 hits** with over 500 participants registering for the event online.
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## Leadership and Activities

**Human Resources Coordinator, IAESTE LC Manipal**

**October 2024 - Present**

- Supervised **70 committee members** by coordinating timelines and departmental activities.

**Management Committee Member, IECSE Manipal**

**September 2024 - Present**

- Developed strategic plans for the **coding** and **app development** domains of the club for the upcoming tenure.

**Advisory Board, ACM Manipal**

**August 2024 - Present**

- Designed an **application development** curriculum alongside the Head of the Domain.
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## Additional Information

**Technical Skills:** React, Flutter, Firebase, JavaScript, HTML, CSS, SQL, TypeScript, Bootstrap.

**Creative Tools:** Blender 3D, Figma, Adobe Creative Cloud, Wondershare Filmora, Canva.

**Certifications:** [Object-Oriented C++](#), [Python for Data Analysis](#), [CS50x 2020](#), [HTML5.0x](#)

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