

Hitansh Agarwal

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

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

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

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 **R² 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](#)
