

**Name: Ayush Saini**

*Determined Diligent Disciplined*

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## CAREER OBJECTIVE

Enthusiastic individual seeking a challenging and dynamic career to contribute skills and passion for an organization's success. Committed to continuous learning and making a positive impact through creativity, teamwork, and innovation.

## ACADEMIC BACKGROUND

Year	Qualification/ Degree	Board/University	Percentage
2020-2024	B. Tech in Computer Science Engineering- Specialization in Artificial Intelligence and Machine Learning	UPES- Dehradun, Uttarakhand	82.1% (Up till 7 <sup>th</sup> Semester)
2018-2019	Class XII	CBSE	80%
2016-2017	Class X	CBSE	95%

<b>Subject Electives</b>	Major-Artificial Intelligence and Machine Learning Minor-Cyber Security and Forensics
<b>Technical Proficiency/Skills</b>	Python, C++, SQL, OOPs, HTML, CSS, NumPy, Matplotlib, Artificial Intelligence, Machine Learning
<b>Software</b>	Canva, Visual Studio code, Jupyter Notebook, Microsoft Office

## SUMMER INTERSHIP/WORK EXPERIENCE

<b>International Business Machines (IBM).</b>	<b>June 2023- August 2023 (3 months)</b>
<ul style="list-style-type: none"><li>Contributed to a group project using machine learning for football match result prediction during the internship.</li><li>Developed predictive models using various algorithms and historical data.</li><li>Collaborated with the team to enhance project effectiveness and accuracy.</li></ul>	
<b>Taree Zameen Foundation</b>	<b>May 2021-July 2021(2 months)</b>
<ul style="list-style-type: none"><li>Interned at "Taree Zameen Foundation," a non-profit committed to helping the underprivileged.</li><li>Collaborated with the social media team to forge partnerships for the betterment of underprivileged communities.</li><li>Gained significant networking and advocacy skills for social causes.</li></ul>	

## PROJECTS (MAJOR / MINOR)

### Project 1: Project Collaborator | Web Development

HTML|CSS|PHP|SQL

A handle for projects and also a platform where students can pitch their project proposal to their interest mentor. I came up with this by observing problems in a university minor project where students faced the challenge of the availability of a professor as a mentor.

### Project 2: Infirmary Management System | Web Development

HTML|CSS|PHP|SQL

The infirmary management system is a comprehensive software solution designed to streamline and automate the management of medical facilities, including patient records, appointments, inventory, and billing. It enhances efficiency, accuracy, and overall patient care while optimizing administrative tasks.

### Project 3: Football Match Prediction |Machine Learning

The football match prediction project utilizes machine learning algorithms and historical data to predict the outcomes of football matches. By analyzing various factors such as team performance, player statistics, weather conditions, and historical results, the system generates predictions that can assist in making informed decisions and strategies for football lovers.

### Project 3: Pair Trading in Cryptocurrencies |Machine Learning

Designed and deployed machine learning-driven cryptocurrency trading strategy using TensorFlow and scikit-learn, optimizing trade executions based on Bitcoin-Ethereum spread data.

Constructed neural network models with Keras, evaluated performance metrics, and visualized training progress, showcasing expertise in data analysis and visualization

## CERTIFICATIONS

- [Course Completion Introduction to Data Science](#)
- [Course Completion certificate Deep Learning](#)
- [Artificial Intelligence Course by Infosys](#)
- [Natural language processing course by Infosys](#)
- [Taree Zameen Foundation](#)
- [IBM Internship](#)

## PERSONAL DETAILS

Date of Birth : 29 November 2001  
Father's Name : Anil Saini  
Mother's Name : Sushma Saini  
Gender : Male  
Nationality : Indian  
Permanent Address : 87 Devashish Palace Tyagi Road Lohiyapuram Dehradun  
Contact : 8535034011  
Language Known : English, Hindi

I declare that the details above are correct and true to the best of my knowledge.

**Ayush Saini**

Dated: 10/02/2024