

Subham Mahapatra

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Professional Summary

Passionate B.Tech student at Rishihood University with a strong interest in programming, art, music, entrepreneurship, and sports. Evolving from a coding hobby to a career passion, I have mastered various languages, frameworks, and tools. Committed to applying my technical and creative skills to real-world challenges, I aspire to make a significant impact in the dynamic field of programming as I continue to advance my education.

Education

Year	Degree/Examination	Institution/Board	CGPA/Percentage
2027	Bachelor of Technology (Computer Science)	Rishihood University	8.3/10.0
2023	Intermediate (Class XII)	Sri Sathya Sai Higher Secondary School	87.0%
2021	Matriculation (Class X)	Little Flower House	85.0%

Internship and Certifications

Brahmastra Aerospace & Defence Pvt. Ltd. | Entrepreneur-in-Residence

April 2023 - May 2023

- Participated in various activities and discussions within the internship division.
- Actively engaged in the Project Trainee Program, contributing to the successful completion of the Market Research and Competitor project.
- **Certification and LOR Link:** [\(link\)](#)

IIT Jodhpur, Rajasthan | Cyber Samurai program in Cyber Defence

April 2022 - Present

- Strengthened my ability to analyze and address security vulnerabilities, contributing to a proactive approach in safeguarding digital assets.
- **Ethical Hacking Techniques:** Acquired practical skills in ethical hacking, penetration testing, and vulnerability assessment to fortify systems against potential attacks.

Certification Link: [\(link\)](#)

GUVI Geek Networks, IITM Research Park, Google | Python programming

April 2022 - May 2022

- Acquired a solid foundation in Python programming, encompassing fundamental concepts, advanced topics, and hands-on projects.
- Python syntax, data structures, object-oriented programming, web development with Django, and data science using libraries such as NumPy and Pandas.
- **Certification Link:** [\(link\)](#)

UNICEF | Online Capacity Building Program

November 2021 - November 2021

- In-depth understanding of Hygiene and Sanitation Training in Schools.
- Enhanced proficiency in leadership, project management, communication.
- **Certification Link:** [\(link\)](#)

IIT E-Cell | Junior MBA

October 2021 - February 2022

Professional Experience:

- **CEO Course** [\(Junior CEO\)](#), **CMO Course** [\(Junior CMO\)](#), **CTO Course** [\(Junior CTO\)](#)
- **Education:** Incorporated global skills: Applied learnings from case studies on companies like Big Basket, Amazon, and Spotify.
- **Executed 3 projects:** Led one project per course, applying skills in product development, marketing, and technology enhancement.
- **Certification Link:** [\(link\)](#)

Intel Corporation | AI Appreciate and AI Aware

August 2021 - August 2021

- Explores ethical AI development, bias mitigation, and societal impacts. [\(link\)](#)
- Proficiency in fundamental AI concepts, including machine learning, neural networks, and ethical considerations. [\(link\)](#)

Projects

College Fest Website | Rishihood [\(link\)](#)

December 2023 - January 2024

- Its a website for our collage fest Damru hosted by Rishihood University. I was the main IT guy to built the fest website.
- The website is designed with CSS animation.
- People can visit the web site for events registration.
- Teach Stack : **HTML,CSS, JavaScript** .

UI And UX design | Self Made Project ([link](#))

November 2023 - November 2023

- Description : "Designing a user interface and user experience for an app called Habitzen which helps in personal growth and habit tracking using"
- Teach Stack : **Figma**

Portfolio | Myself ([link](#))

August 2023 - August 2023

- A basic portfolio website.
- It's a responsive website where you can connect with me.
- Teach Stack : **HTML, CSS and Javascript**

Python Games | Self Made Project ([link](#))

January 2023 - February 2023

- Its a collection of 3 games: Fruit Ninja, Knife Hit and Ticktacktoe(Socket)
- Teach Stack : **pygame, tkinter, SQL, socket, threading, OS etc.**

Arduino Robo car | Self Made Project ([link](#))

November 2021 - November 2021

- A Robo car made using **Arduino Uno** which can be controlled wirelessly using bluetooth through mobile device.
- Teach Stack : **Arduino Uno, C++, HC-05 Bluetooth Module, L298N Motor driver Module**

Skills

Computer languages	Python, HTML, CSS, Javascript, C++
Software Packages	Docker(Container), Pandas, MySql, NodeJS, OpenCV, Django
Soft Skills	Public speaking, Leadership, Team Building, Creativity, Teamwork, Critical Thinking, People skills, Presentation Skills, Communication Skills
Others	Social Media

Co-Curricular Activities

Achievements

1. **IEEE Contest** in which we were the **Best Team - Haryana State , Top 13% in India and Top 19% in the World.**
2. **ICPC India Preliminary 2023** in which we were in the top 1100 teams.
3. Gold medal in **IMO**(6th and 7th grade)
4. **Banpur Karate Team, Utkal Karate School(2015-2018)** Received 3rd position in state level Karate championship.
5. Won **multiple medals** in different games like Kabaddi, Kho kho, Shot put, Long jump and Running.
6. Represented my school in different activities including drawing, singing, skit and mono acting at inter school competitions.

International Experiences (Educational Trip, Singapore)

1. Meeting with **CXO's** exploring new **startup ideas** and **business models**.
2. Meeting students and professors at **NUS, NTU and SUTD**.

Clubs and society

1. **House captain**, Sri Sathya Sai Higher Secondary School.
2. **Co-ordinator** of Music Club and Edits Club
3. **Moderator, Coding Club**, Organised coding competitions, DSA, C++ etc.
4. **Vice-president, Entrepreneurship Club**, Organised problems set on case study based on current trends.
5. **Secretary, Debate Club**, organised a mock parliament, recreating the All India Political Party Meet(AIPPM).

Community Engagement and Cultural Exploration

1. Exploring the cultural and environmental beauty of Uttarakhand with **All World Gayatri Pariwar**.
2. **Scout and Guide camp** to different parts of Odisha.
3. **Executive member at Mother Teresa Seva Pratishthan** at a young age working for Rural Area development.
4. **Board and Executive member at EKTA VIDYANIKETAN**, a school based on Gandhian philosophy.

Social Work

1. **Seva volunteer**, Sri Sathya Sai Central Trust.
2. Led a team in implementing a community outreach program to **promote computer literacy**.
3. Led a campaign to educate **orphans** and a food campaign for **old age homes**.
4. Volunteered at an NGO like **Bachpan Bachao Andolan, PETA and Ekta Parishad**.
5. Headed the environment protection committee for my school, Undertook projects to enhance the environment.

Visit to IIT's and NIT's(IIT Kharagpur, IIT Delhi, NIT Rourkela etc.)

- Purpose: Explored cutting-edge research facilities exploration, workshop and networking.