

RISHITA SINGH

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Technical Skills

Languages : Java - basics | Javascript | Python | Html | CSS | C

Tools : VS code | Git | Github | AWS Cloud | Jupyter Notebooks | Google Colaboratory | MS-Excel | Figma | Canva

Concepts : Data Structures and Algorithms | Statistics | Object Oriented Programming (OOPS) | Database(DBMS)(SQL) | Operating Systems | Machine Learning | Data Science

Work Experience

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|-----------------------------------------------------------------------------------------------|----------------------------|
| 1. IBM SkillsBuild
Worked as a data analyst intern at IBM SkillsBuild for 2 months. | June 2023-July 2023 |
| 2. CodeClause
Worked as a data science intern for 2 months at CodeClause. | June 2023-July 2023 |

Education

- | | |
|---------------------------------------------------------------------------------------------------|-------------------------|
| • B.Tech Computer Science (AIML)
Dronacharya College of Engineering, Gurugram | 2021-2025
CGPA - 8.4 |
| • Central Board of Secondary Education (Class XII)
Gyan Deep Senior Secondary School, Gurugram | 2020-2021
95.4% |
| • Central Board of Secondary Education (Class X)
Gyan Deep Senior Secondary School, Gurugram | 2018-2019
94% |

Projects

1. AgroSahayak : empowering agriculture through technology

Objective: to revolutionize agriculture through real-time monitoring and personalized AI-driven recommendations, fostering sustainable and productive farming.

- AI & ML: Employed AI and ML algorithms for personalized farming recommendations.
- Mobile App: Designed user-friendly mobile applications for farmers.
- Market Connectivity: Connected farmers to market prices and trends
- FIGMA - [Prototype](#)
- Web App - [Link](#)

2. Amazon Clone

Designed and developed a fully functional Amazon clone website using HTML and CSS.

Link - [Amazon Clone](#)

3. Luna Visit

Designed and developed an engaging and informative website dedicated to moon visit exploration using front-end web development technologies.

Link - [Luna Visit](#)

4. Research Paper - “The Role of Deep Learning, Radiomics and NanoTechnology in Cancer Detection”

Objective: to revolutionize agriculture through real-time monitoring and personalized AI-driven recommendations, fostering sustainable and productive farming.

- Technology: Deep Learning, Radiomics, Nanotechnology.
- Potential to revolutionize cancer diagnostics.

- Link - [Research paper](#)

5. Portfolio –

[Link](#)

Certification

- Certificate of completion of NPTEL “Python for Data Science” course.
- Certificate of participation of NCAT 2022.
- Certification of participation in the Round 3 of Tata Imagination Challenge 2022 organized by Tata.

Soft Skills

- Teamwork and Collaboration
- Communication
- Observation
- Presentation
- Adaptability
- Decision making

Achievements

- 1st position in TECHTONICS (Project competition) at Dronacharya College of Engineering, Gurugram.
- Among the top 5 best-pitched ideas during the Innovation Design and Entrepreneurship (IDE) Bootcamp (Phase II) from January 29 to February 2, 2024 organized by Ministry of Education Innovation Cell and AICTE.
- Finalist of SIH (Smart India Hackathon) 2023.
- Top 18 Finalists of Techniche’23 organized by IIT Guwahati.
- Published a paper entitled "Role of Deep Learning, Radiomics and Nanotechnology in Cancer Detection" in Research Plateau publishers and presented in an International conference on Recent Trends in Materials Science & Devices 2023 (ICRTMD-2023).
- Presented a project (AgroSahayak) at IBM SkillsBuild Event 2023 held in New Delhi.
- 1st Position in Poster Making Competition on “National Technology Day” organized by Gurugram University.

