

# RISHITA SINGH

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## Technical Skills

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

## Education

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

## Projects

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### 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](#)

### 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.*

### 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](#)

## Certification

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- 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

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

## Achievements

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- 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.
- Presented a paper entitled "Role of Deep Learning, Radiomics and Nanotechnology in Cancer Detection" at 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.