

Rishika Agrawal

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EDUCATION

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|---|-----------------------------|
| • Vellore Institute of Technology
<i>Bachelor of Technology – Information Technology; GPA: 8.75*/10</i> | Vellore, India
2020-2024 |
| • New Era Progressive School
<i>Class XII; Percentage: 76%/100%</i> | Korba, India
2018-2019 |
| • New Era Progressive School
<i>Class X; GPA: 10/10</i> | Korba, India
2016-2017 |

SKILLS SUMMARY

Programming Languages	Python, JavaScript, C, C++, Java,
Frontend Technologies	HTML, React, CSS, PHP
Database:	MySQL, MongoDB
Backend Technologies:	Node.js, Express.js
Other Tools:	Kali Linux, Nessus, Metasploitable Framework

ACHIEVEMENTS & CERTIFICATES

- **Completed Accelerated Computer Science Fundamentals specialization course.** *Certificate*
 - By University of Illinois at Urbana-Champaign.
 - Completed all the 3 courses with 100%,100% and 98% grades. Learned about ordered and unordered data structures.
- **Completed Mathematics for Machine Learning Specialization course.** *Certificate*
 - By Imperial College London.
 - Completed all the 3 courses with 96%,99% and 100% grades. Gained knowledge about PCA, Multivariate Calculus and Linear Algebra.
- **Microsoft Security, Compliance, and Identity Fundamentals (SC-900)** *Certificate*

Gained knowledge about security fundamentals like AAA, Microsoft Security Compliance Manager and Azure. Score:904/1000

EXPERIENCE

- **[Amazon ML Challenge 2023](#)** *April 2022*

Participant

Participated in Amazon ML challenge 2023 and our team scored a rank of 91 among 4500+ teams and score of 38.07/100.
- **[Virtusa Hackathon](#)** *March 2022*

Finalist

Cleared 1st stage of hackathon and became one of the top 100 finalists selected from 65000+ students across the globe. Currently preparing for the finals.
- **[Microsoft Industry Specific Solutions](#)** *March 2022*

Finalist

Reached till the final jury round and our team Mother_Nature_Earth got special mention by jury and Microsoft in their blog about our idea of solar energy prediction and electric roads idea. Used Azure, Power BI and Microsoft Sustainability Manager for the project.

PROJECTS

[PowerHerUp](#)

- This is MERN stack-based website which combines technology, AI, and community to create a platform that promotes women's safety, support, and empowerment using safety features, community support, and AI-driven assistance. Safe routes, SOS alerts, chatbot, company ratings, and anonymous community forums are some of the features.

Tech used: *Python, pandas, MERN stack, sentiment analysis* — [GitHubLink](#)

Digital Envelope:

- This project focuses on securing transfer of data where it encrypts the asymmetric common key using RSA and then uses symmetric encryption for conversation of message encrypted with Caesar Cipher and apply hashing for signature.

Tech used: *Python, pyfiglet, caesarcipher* — [GitHubLink](#)

Pandemic Management System:

- It is a website mainly focused on backend to manage data during covid 19 pandemic which can help citizens to view the situation of their area and help government and other organization to assess the situation and take necessary action.

Tech used: *PHP, HTML, CSS, Java Script* — [GitHubLink](#)