

Isha Saxena

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EDUCATION

2021-2025	M.S RAMAIAH UNIVERSITY OF APPLIED SCIENCES <i>Bachelor of Technology in Computer Science Engineering</i> CGPA: 9.49	Bengaluru, Karnataka
2019-2020	ALLENHOUSE PUBLIC SCHOOL <i>AISSE – PCM with Information Practices (IP)</i> 12 th Board Percentage: 88%	Kanpur, Uttar Pradesh
2017-2018	ALLENHOUSE PUBLIC SCHOOL 10 th Board Percentage: 93% <ul style="list-style-type: none">Leadership: Saphire House Prefect (2 years) · Event Member/Organiser (Erudit , An International School Literary Fest)	Kanpur, Uttar Pradesh

EXPERIENCE

2024	DHIO RESEARCH AND ENGINEERING PVT. LTD.
[7 th Sept – 7 th Jan]	Research Intern <ul style="list-style-type: none">Working on Project named Customization of ANYS Workbench for model development for Parachute Systems
2024	PRODIGY INFOTECH (MSME)
[1 st Aug - 31 st Aug]	Cyber Security Intern <ul style="list-style-type: none">Developed encryption tools (Caesar Cipher, Image Encryption) and security utilities (Password Checker, keylogger) to enhance digital security and analyze user behavior.
2024	INTRAINZ (AICTE)
[May – July]	Intern <ul style="list-style-type: none">Customer Segmentation using K-Means Clustering: Applied elbow method to determine clusters, analyzed customer income and spending, and visualized results.Spam News Detection: Developed spam detection model using NLP techniques, showcasing proficiency in text classification.

SKILLS

Java, JavaScript, HTML, Cascading Style Sheets (CSS), Python, C, MySQL, MATLAB, Microsoft Excel

PROJECTS

- Pneumonia Classifier:** Using Python, TensorFlow, Streamlit, Keras, built a deep learning model to classify pneumonia from chest X-ray images integrated with Streamlit for an interactive web-based interface. Achieved real-time image upload, classification, and confidence score display.
- Facial Recognition Attendance System:** Using technology like Python, OpenCV, Tkinter, face_recognition, developed a real-time system for attendance using facial recognition. Features include user registration, login/logout, and facial data storage.
- Stock Price Prediction using Linear Regression in Machine Learning:** Developed a machine learning algorithm to predict stock values using historical data and financial indicators. Used linear regression to assess patterns and enhance prediction accuracy and did an IEEE format report on it.
- QR code Generator and Scanner:** Developed and built a system to produce and read QR codes for a variety of applications. Created a user-friendly interface that worked seamlessly across multiple devices.

5. College Student Portal GUI with connection of Front-end with the database

LICENSES & CERTIFICATIONS

2024	Foundations of Cybersecurity Google - U43R22M735GN
2023	Programming with JavaScript Meta - 5AVAH8XRPFAR
2022	Introduction to Front-End Development Meta - AT7GXBJD4CL2
2021	Programming for Everybody (Getting Started with Python) University of Michigan - JUVF6XGSQLF2
2020	Crash Course on Python Google - AKSUE27FTSWJ

VOLUNTEER

2023	Volunteer	M.S Ramaiah University of Applied Sciences Taught students at a local government school
2019	Volunteer	Nishchay Foundation Health & Hygiene Awareness event
2019	Volunteer	Parivartan Youth Club Zoo Scavenger Hunt

OTHERS

Participation	CNSS Seminar on AI Frontiers The Myth And Realities of “Supporting Industry X.O”
Participation	Cancer Aid Society Social Service by spreading awareness and raising donations Gold medal
Participation	FOGSI-International Conference Workshop on Adolescent Health for Women Empowerment