

# ELINA SINGH

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[Linkedin](#) | [Github](#) | [Website](#) | [Leetcode](#)

## EDUCATION

<b>SRM Institute of Science and Technology</b>	<b>Chennai, India</b>
B.Tech in Computer Science and Business Systems   <b>CGPA: 9.47</b>	2020-2024
<b>Study Hall School</b>	<b>Lucknow, India</b>
Class XII   <b>Stream: Science</b>   <b>Percentage: 87%</b>	2020
Class X   <b>Percentage: 92.7%</b>	2018

## SKILLS

- Languages:** Python, SQL, C, C++
- Interested In:** Machine Learning, Algorithms, Artificial Intelligence, Generative AI
- Frameworks:** Pandas, Numpy, Scikit-Learn, Matplotlib, TensorFlow, Streamlit
- Tools:** MySQL, MS Excel, Star UML, Figma
- Platforms:** PyCharm, Jupyter Notebook, Visual Studio Code, Github
- Soft Skills:** Design Thinking, Excellent Communication, Attention to Detail, Time Prioritization

## WORK EXPERIENCE

### APPLICATION LANGUAGE DEVELOPER | [CERTIFICATE](#)

<b>Sysgrey Technologies</b>	<b>March 2024-March 2025</b>
<ul style="list-style-type: none"><li><b>AL Development:</b> Developed and optimized AL codes for Microsoft Dynamics 365 Business Central, enhancing system functionality and improving user experience by 15% over 7 months.</li><li><b>Power AI Integration:</b> Actively learning to integrate Power AI with CRM systems to enhance business processes, aiming to boost customer relationship management efficiency by up to 20%.</li></ul>	

### DATA SCIENCE AND MACHINE LEARNING INTERNSHIP | [CERTIFICATE](#)

<b>Gilbert Research Center</b>	<b>October-2024-January 2025</b>
<ul style="list-style-type: none"><li><b>Predictive Modelling:</b> Developed machine learning models leveraging PCA, regression, and neural networks, enhancing diagnostic accuracy by 30% in clinical data predictions.</li><li><b>Algorithm Optimization:</b> Implemented gradient descent and dimensionality reduction techniques, improving model efficiency by 25% and reducing computational time for medical image processing.</li></ul>	

## PROJECTS

### SIGN LANGUAGE RECOGNITION MODEL | [LINK](#) | [CERTIFICATE](#)

<b>SRM University</b>	<b>January 2024-May 2024</b>
<ul style="list-style-type: none"><li>Delivered a presentation at the 2nd International Conference on Challenges in Information, Communication, and Computing Technology (ICCICCT-2024) held in Namakkal, Tamil Nadu, India.</li><li>Authored a research paper published in <i>Taylor &amp; Francis Journal</i>, Volume 1, ISBN: 9781032906607.</li><li>Engineered a dual-module Sign Language Recognition System, comprising a Text-to-Sign converter utilizing a 3D torso for ISL gestures and a Sign-to-Text module translating camera-captured signs into A-Z text via Gaussian classification methods.</li></ul>	

### CHATBOT USING PYTHON | [LINK](#)

<b>Smart India Hackathon</b>	<b>February 2022-March 2023</b>
<ul style="list-style-type: none"><li>Designed and developed an AI chatbot for Smart India Hackathon, addressing diverse problem statements with innovative AI solutions.</li><li>Built a self-learning AI chatbot for AICTE using Python and Flask, improving efficiency by 30%.</li><li>Leveraged Flask, Chatterbot, and SQLite to design and deploy a scalable AI chatbot solution.</li></ul>	

## CERTIFICATIONS

### Machine Learning Foundations & Cloud Foundations | [CERTIFICATE](#)

<b>AWS Academy</b>	2023
<b>ML Advanced Certification Training &amp; Data Science with Python   <a href="#">CERTIFICATE</a></b>	
<b>Simplilearn</b>	2022