

# ELINA SINGH

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## 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

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## SKILLS

- Languages:** C, C++, Python, SQL
- Frameworks:** Pandas, Numpy, Scikit-Learn, Matplotlib, TensorFlow, Keras
- Tools:** MySQL, MS Excel, Star UML, Figma
- Platforms:** PyCharm, Jupyter Notebook, Visual Studio Code
- Soft Skills:** Design Thinking, Excellent Communication, Attention to Detail, Time Prioritization

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## WORK EXPERIENCE

### APPLICATION LANGUAGE DEVELOPER

**Sysgrey Technologies** **March 2024-Present, Noida, India**

- AL Development:** Developed and optimized AL codes for Microsoft Dynamics 365 Business Central, enhancing system functionality and improving user experience by 15% over 7 months.
- Power AI Integration:** Actively learning to integrate Power AI with CRM systems to enhance business processes, aiming to boost customer relationship management efficiency by up to 20%.

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

**Gilbert Research Center** **October-2024-January 2025**

- Predictive Modelling:** Developed machine learning models leveraging PCA, regression, and neural networks, enhancing diagnostic accuracy by 30% in clinical data predictions.
- Algorithm Optimization:** Implemented gradient descent and dimensionality reduction techniques, improving model efficiency by 25% and reducing computational time for medical image processing.

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## PROJECTS

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

**SRM University** **January 2024-May 2024**

- Delivered a presentation at the 2nd International Conference on Challenges in Information, Communication, and Computing Technology (ICCICCT-2024) held in Namakkal, Tamil Nadu, India.
- Authored a research paper published in *Taylor & Francis Journal*, Volume 1, ISBN: 9781032906607.
- 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.

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

**Smart India Hackathon** **February 2022-March 2023**

- Designed and developed an AI chatbot for Smart India Hackathon, addressing diverse problem statements with innovative AI solutions.
- Built a self-learning AI chatbot for AICTE using Python and Flask, improving efficiency by 30%.
- Leveraged Flask, Chatterbot, and SQLite to design and deploy a scalable AI chatbot solution.

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## CERTIFICATIONS

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

AWS Academy 2023

### ML Advanced Certification Training & Data Science with Python | [CERTIFICATE](#)

Simplilearn 2022