

## Darshni Sanjaikumar

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## Training

### GeeksforGeeks

May 2024 - July 2024

*Online Internship in Machine Learning and Data Science*

- Completed a comprehensive online internship focused on Machine Learning and Data Science, covering both theoretical knowledge and practical implementation.
- Underwent two weeks of rigorous training on essential topics, including data science, machine learning, fundamental Python libraries, and the mathematical foundations such as statistics, algebra, and calculus.
- Gained exposure to GeeksforGeeks advanced projects related to Machine Learning and Data Science.

Developed and implemented key projects, including:

- Titanic Survival Prediction:** Built a supervised machine learning model to predict passenger survival based on key features.
- Language Translation:** Created a translation model leveraging neural networks for multi-language text processing.

## Projects

**Startup Radar** / *Startup Growth Prediction, Investment forecasting, Success Prediction*

Feb 2025 - Feb 2025

- Developed a dynamic web app to monitor and benchmark startups with insights on funding trends, growth, and market position.
- Implemented ML models to forecast startup funding potential and success likelihood using historical and marker data.
- Created an interactive dashboard for seamless exploration, comparison, and data-driven decisions for entrepreneurs and investors.

**Sign Language Translator** / *Gesture Recognition & Real-Time Translation*

Feb 2025 - Feb 2025

- Built a real-time sign-to-text and speech system using **MediaPipe**, **OpenCV**, and **TensorFlow/Keras**.
- Trained gesture classification model on custom and public American Sign Language (ASL) datasets.
- Applied CNN-based model optimization to improve accuracy and reduce latency

**Legal Chatbot** / *Overflow – based solution for Legal Assistance*

May 2024 - May 2024

- Developed a legal chatbot designed to assist users with a wide range of legal queries, providing instant responses and improving user engagement.
- Equipped the chatbot with functionalities to offer legal advice, share contact details for legal services, and answer general knowledge questions about legal topics.

## Certificates

### Cloud Computing

December 2024

*NPTEL — Certificate Link*

### Machine learning and Data Science

July 2024

*GeeksforGeeks — Certificate Link*

## Technical Skills

**Languages:** C++, Java, Python

**Skills:** Problem-Solving, Responsive Machine learning model, Team-work, Communication skills, Critical thinking

## Education

### Lovely Professional University Punjab

2022 – Current

*Computer Science and Engineering — CGPA: 6.49*

*Jalandhar, Punjab*

### Bannari Amman Public School

2020 – 2022

*12th with Science and Math — Percentage: 86.60%*

*Erode, TamilNadu*

### Bannari Amman Public School

2018 – 2020

*CBSE — Percentage: 94%*

*Erode, TamilNadu*