

# Jennie R

Software Engineer

## EDUCATION

### MEPCO SCHLENK ENGINEER COLLEGE

Bachelor of AI & Data Science  
Cum. GPA: 8.06 / 10

### KAMLAVATI SENIOR SECONDARY HSC

May 2021 | Tuticorin, India  
Cum. GPA: 9.1 / 10

### RAVILLA K.R.A.VIDHYASHRAM SSLC

May 2019 | Tuticorin, India  
Cum. GPA: 8.9 / 10

## LINKS

Github:// [jennierj05](https://github.com/jennierj05)  
LinkedIn:// [rjennieroopa24](https://www.linkedin.com/in/rjennieroopa24)  
Website:// <https://jennierj05.github.io/portfolioOwn/index.html>  
Quora:// Jennie-roopa

## INTERNSHIP

DCW Ltd. in Tuticorin - 2weeks

- SAP Technology
- Instrument and Automation
- Data Analytics

## AREA OF INTEREST

- Generative AI • Prompt Engineering
- Deep Learning • Speech Recognition

## SKILLS

### PROGRAMMING

Over 1000 lines:

- C • C++ • Python • Javascript
- CSS • Reactjs • Typescript

DataBase:

- MySQL • MongoDB • Neo4j • HBase

### TOOLS

- Tableau • Scikit Learn • Pytorch
- TensorFlow • Pyspark

## CO-CURRICULAR

### TECHNICAL TALK

PyGame-IE CLUB  
Generative AI-ISTE CLUB  
Consumer Awareness -NSS CLUB  
Voting system -Symposium -CIT  
Sentimental Analysis -Symposium -MIT

## PROJECT

### PLANT DISEASE PREDICTION | DEEP LEARNING

2024

- Repository: <https://github.com/jennierj05/Plantdisease> .
- Convolutional neural networks (CNNs) for image classification.
- TensorFlow for model training .
- Datasets typically consist of labeled images of healthy and diseased plants, sourced from repositories. Accuracy rates can exceed 90% with high-quality, diverse datasets and extensive training

### RAILWAY BOOKING SYSTEM | MERN STACK

2024

- Repository: <https://github.com/jennierj05/Railwaymanagementsystem> .
- **MongoDB**: A NoSQL database used to store railway data such as schedules, bookings, and user information .
- **JWT (JSON Web Tokens)**: Utilized for secure user authentication and authorization

### SEA LEVEL PREDECTION | Machine Learning

2022

- Repository: <https://github.com/jennierj05/SealevelPrediction>.
- This project aims to forecast future sea levels based on historical data and environmental factors .

### TAXI ANALYSIS SYSTEM | MERN STACK

2024

- Repository: <https://github.com/jennierj05/taxianalysismernstack> .
- Comprehensive data analysis platform designed to manage, analyze, and visualize data from taxi operations .
- System aims to provide insights into various aspects of taxi services, including trip patterns, fare structures, driver performance, and customer behavior r.

### FLIGHT DELAY PREDICTION | Machine learning

2023

- Repository: <https://github.com/jennierj05/Flightdelayprediction>.
- Pandas and NumPy for data manipulation, Scikit-learn or TensorFlow for building and training predictive models .
- Feature engineering is applied to extract meaningful features, and models are evaluated using metrics like accuracy, precision, and recall.

### RAILWAY MANGAMENT SYSYTEM | Python TKINTER

2022

- Repository: <https://github.com/jennierj05/trainmanagment-system>.

## CERTIFICATES

2024	806/1000	AWS Certified Cloud Practitioner
2022	Elite	Database mangment system -NPTEL
2023	Elite	CyberSecurity-Specialization-NPTEL
2023	Elite	Java Programming
2023	National	Google Cybersecurity Specialization
2023	Smart India Hackathon	Text to Video of various PIB Press Releases