

Jenesha Malar

DATA SCIENTIST

EDUCATION

BTECH AI AND DATA SCIENCE **KONGU ENGINEERING COLLEGE**

Grad. May 2026 | CGPA : 9.13 / 10

HSC

CJM MATRIC HR.SEC SCHOOL

Grad. May 2022 | Per : 94.33

SSLC

CJM MATRIC HR.SEC SCHOOL

Grad. May 2020 | Per : 84

LINKS

Location: Tamil Nadu, India

Mail: jeneshamalars@gmail.com

Phone no: 8870770296

Github:// **Jenesha20**

LinkedIn:// **Jenesha Malar**

Leetcode:// **JeneshaMalar**

AREAS OF INTEREST

Data Science

Machine Learning

SKILLS

TECHNICAL

Language

Python • Java • C

Data Science:

Data Analysis • Machine Learning • Deep Learning • NLP • Data Visualization

Frameworks Tools:

Keras • Numpy • Pandas • MERN

• Scikit-learn • TensorFlow • NumPy

• Power BI • Jupyter • GIT • Figma

ACHIEVEMENTS

2024 1st in Paper Presentation

2024 2nd in Paper Presentation

2024 Presented in INNOCOM24

2023 Internal Hackathon(SIH)

LEADERSHIP

Joint Secretary

AI Coding Club

Executive Member

SDC

PUBLICATIONS

- Enhancing Disease Symptom Prediction Using Machine Learning Algorithms

EXPERIENCE

PUNCHBIZ | FULL STACK DATA SCIENTIST

Aug 2024 – Nov 2024 | Intern | Ongoing

- Developed a responsive and real-time intruder detection system using Flask for the backend and React Native for the mobile and Web application.
- Implemented person detection using YOLO and integrated email notifications for intruder alerts, enhancing security monitoring functionality.

INTEL | FULL STACK DEVELOPER

May 2024 – July 2024 | Intern

- Developed a responsive and dynamic website using the MERN stack (MongoDB, Express.js, React, Node.js).
- Implemented user authentication and CRUD operations to enhance website functionality.

STARTFLEET | DATA ANALYST

March 2024 – April 2024 | Intern

- Performed in-depth data analysis and derived actionable insights using Power BI.
- Designed and delivered interactive dashboards and comprehensive reports to enhance data visualization and interpretation.

PROJECT

HOUSING SERVICES | MERN

Developed a housing services website using the MERN stack (MongoDB, Express.js, React, Node.js). Implemented features for user interaction and data management to enhance functionality.

Github:// **Housing Services**

PERSONALIZED CAREER DEVELOPMENT | LLM

Developed an AI-powered platform using LLaMA-3-8b-8192, offering personalized career roadmaps, skill recommendations, project suggestions, and ATS-friendly resume optimization.

Github:// **Personalized Career Development**

DISEASE SYMPTOM PREDICTION | MACHINE LEARNING

Developed a disease symptom prediction model using logistic regression, random forest, decision tree, SVM, and KNN.

Github:// **Disease Symptom Prediction**

DOGS BREED IDENTIFICATION | DEEP LEARNING

Developed a deep learning model for dog breed identification using InceptionResNetV2, InceptionV3, VGG19, MobileNetV2, and Xception architectures.

Github:// **Dogs Breed Identification**

HR DATA ANALYSIS | POWER BI

Conducted HR data analysis using Power BI, creating interactive dashboards and detailed reports to visualize key metrics and trends, facilitating data-driven decision-making and optimizing workforce management.

Github:// **HR Data Analysis**