

JENISH M

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Professional Summary

Enthusiastic B. Tech Computer Science (AI) student skilled in machine learning, deep learning, and full-stack web development. Eager to learn, grow, and contribute to innovative AI and software solutions. Open to relocation and committed to adapting quickly to dynamic work environments.

Technical Skills

Languages

Python, Dart, TypeScript

Web Development

HTML, CSS, JavaScript, ReactNative, FastAPI, 2D UI/UX design and visualisation, RESTful API

Databases

MySQL, SQLite, SQLAlchemy

Tools/Platforms

Git, GitHub, Powerbi, Excel, VS Code

Certifications

- Introduction to machine learning (Kaggle)
- Introduction to Data Science (Cisco)
- RPA Basics and Introduction to UiPath (Coursera)
- Big Data Computing(NPTEL)
- Technical English For Engineers (NPTEL)
- Generative AI Mastermind (Outskill)
- Internet of Things 4.0(NPTEL)

Education

B.Tech in Computer Science and Engineering(Artificial Intelligence),
Karunya Institute of Technology and Sciences
2021 – 2025 | Coimbatore
CGPA : 5.4

Projects

Portfolio Website

- Designed and developed a responsive personal website using HTML, CSS, and JavaScript to showcase projects and professional details.

Spinal Vision CNN-Driven Techniques For Accurate Stenosis Detection, Deep Learning

12/2024 – 03/2025

- Developed a CNN-based deep learning model using ResNet50 to detect and classify spinal stenosis from MRI scans with high accuracy.
- Improved diagnostic precision through Grad-CAM visualisations and hyperparameter tuning, achieving over 90% test accuracy.

AI Powered Financial Advisor Web App, Python

09/2024 – 11/2024

- Built an interactive financial advisory system using Streamlit and yfinance, integrating indicators like RSI, SMA50, and SMA200 for stock trend analysis.
- Enhanced decision-making accuracy by combining real-time data visualisation and rule-based trading insights for user-friendly analysis.

Room Designing App

09/2025 – Present

- Built in Cursor, a cross-platform room planner using React Native, TypeScript, Python (FastAPI), and SQLite, achieving ~95% layout accuracy with real-time spatial algorithms.
- Designed RESTful APIs and 2D visualisations with collision detection for precise layouts and smooth user experience.