

JENISH M

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📍 Hosur, Tamil Nadu

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🐙 Github Jenish



👤 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.