

MANJINESHWARAN

Passionate and dedicated Machine Learning Engineer with strong foundation in data analysis, algorithm development, and predictive modeling. Eager to apply machine learning techniques and AI knowledge to solve real-world problems, leveraging hands-on experience in Python and Data Science tools.

✉ manjineshwaran@gmail.com

☎ +91 8300503218

🌐 [linkedin.com/in/manjineshwaran-g-47242b1b7/](https://www.linkedin.com/in/manjineshwaran-g-47242b1b7/)

📍 Puducherry, India

Tools

- Python
- Numpy, Pandas, Matplotlib, seaborn, scikit-learn, FastAPI, Tensorflow, Opencv Nltk)
- HTML, CSS
- SQL, MySQL
- Github, Docker
- Advanced Excel, Tableau
- VS-code, Jupyter notebook

Skills

- Programming & OOPS Concept
- EDA Process
- Data Collecting, Cleaning, Data manipulation, Data visualization
- Data wrangling and Preprocessing
- Machine Learning
- Basic of Deep learning
- Natural Language Processing
- Statistical Analyse
- Model building, Evaluation
- Model Deployment
- Database management

SoftSkills

- Strong in Analytical and logical
- Adaptability
- Learning Ability
- Collaboration
- Teamwork, Presentation
- Effective communication

Certification

- Machine Learning with python
- Python for Data Science & AI
- Database and SQL Certificate
- Statistical Analyse

Experience

Product Design and Analyst (Dec 2021- Dec 2022)

Appasamy Associates Pvt Ltd,

- Conduct competitive analysis and market research to ensure product differentiation. Created detailed project documentation, including business requirement documents (BRDs), SOPs, BOM, use cases, and process flows.
- Managed large datasets in Excel and Google Sheets, performing data analysis using pivot tables, vlookup, conditional formatting, and macros to derive critical business insights.
- Collaborated closely with QA teams to clarify documentation processes and ensure accuracy.
- Collaborate with cross-functional teams to ensure a product that balances design, functionality, and business needs.

Education

- IBM Datascience Professional certificate, Coursera Aug 2024
- Sri Manakula Vinayagar Engineering College, Puducherry. Aug 2016 - Nov 2020. B.Tech (Mech), 8.39 CGPA.
- Seventh Day Adventist Hr Sec School, HSC, 79%, 2016.

Project

Object recognition using Resnet-50

- <https://github.com/Manjineshwaran>
- This project involves building a robust object recognition system using ResNet-50, a deep convolutional neural network known for its efficiency in image classification and object detection tasks. ResNet-50's architecture, based on residual learning, allows for the training of deep networks without the vanishing gradient problem, making it ideal for accurately identifying objects in images.
- The goal is to classify objects into predefined categories by leveraging ResNet-50's pretrained weights on ImageNet and fine-tuning it for the specific dataset.

Face Detection using OpenCV

- Hi my name is Akshaya Ram M and I have a crush with Akshay S she is my classmate and I am a student in St Joseph Institute of Technology but she rejected me I don't know what reason. But she is very pretty. then then I see AAgnes precella is first friend with me but after some days I loved her most. now we married together. AAgnes precella will be a good mother to my child. This is my entire story I am Akshay Ram. I thought She is crazy about me.
- The main features are Real-time face detection in images and video streams. Ability to adjust sensitivity and performance using different parameters.