

DURGESH RS

EDUCATION

Vellore Institute Of Technology, Vellore | B-Tech Computer Science Engineering | CGPA: 7.49

2021-2025

Maharishi International Residential School | Class 11 - 12 | Percentage: 75.2%

2019 - 2021

Montfort ICSE, yercaud | Class 8 - 10 | Percentage: 71.16%

2016 - 2019

SKILLS

- Well-versed in finding an approach for a problem, mathematicising it and developing an algorithm with the available resources for finding and providing the best and most efficient solution.
- Skilled in designing and demonstrating software and its modules, conducting testing, calibrating software to meet customer needs and based on the feedback, and providing training and support.
- equipped with the ability to build data models using machine learning algorithms.
- Posses a strong willingness to learn and stay updated to new trends in technologies. and ability to work and communicate with team members and other stakeholders
- Skilled in applying business and analytics engineering skills, providing professional analysis and research.
- Hold the capability to apply learning techniques with an agile mindset, complemented by excellent communication and presentation skills.

PROJECTS & PAPERS

Integrated Lung Health Management and Lung Cancer Detection Application (Ongoing)

- Developed a comprehensive lung health app leveraging machine learning for CT scan-based lung cancer detection, enhancing early diagnosis accuracy using agile software development model.
- Implemented a healthcare chatbot that provides users with symptom analysis and lung health advice, ensuring accessible and personalized health guidance.
- Created a dedicated section for breathing exercises and lung health as recorded videos, promoting preventive care and self-management practices among users
- Integrated doctor appointment booking system utilizing local map APIs and payment gateways, streamlining access to healthcare professionals.

Strategies to detect frauds in credit card payments online using Machine Learning

- Explored the use of machine learning (ML) techniques to detect credit card fraud and anomalies in online purchases.
- Developed models utilizing ML algorithms such as logistic regression, decision trees, and neural networks to identify suspicious trends linked to fraudulent activity.
- Demonstrated the potential benefits of ML-based approaches, including improved security for online payments and enhanced customer experience through reduced false positives and errors.


WORK EXPERIENCE

Maven Silicon, Bangalore | VLSI Design Internship | Aug - Oct 2023

Completed an online industrial certification at Maven Silicon Softech Pvt Ltd, focusing on VLSI fundamentals, tool usage (ModelSim, Quartus Prime), and a design simulation project for RISC V. Participated in organized Q&A sessions and collaborated on key projects, culminating in a detailed report submission.

TECHNICAL SKILLS

- python
- SQL

 Github - durgeshrs

codechef.com/users/durgeshrs

 durgeshrs
