Dharmeshram S M

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Professional Summary

Dedicated and proactive Computer Science graduate with strong programming skills in Java, Python, and C. Experienced in competitive coding, understanding of SDLC and test-driven development. Passionate about software development and emerging technologies including AI and Data Science. Looking to contribute meaningfully to client-based technology solutions.

Skills

Programming Languages: Java, Python, SQL
Machine Learning & AI: supervised/unsupervised algorithms, Pandas, Data Visualization Packages.
Core Concepts: Data Structures & Algorithms, SDLC, OOPs

Education

Master of Science (M.Sc.) in Computer Science
Thiagarajar College | Aug 2023 – Jun 2025
CGPA: 7.8/10
Relevant Coursework: Advanced Data Structures, Big Data Analytics, Machine Learning.

Bachelor of Science (B.Sc.) in Computer Science
Sourashtra College | Sep 2020 – Jun 2023
CGPA: 7.7/10
Relevant Coursework: Object-Oriented Programming, Databases, Network Communication Systems.

Projects

Lung Disease Prediction using Chest X-rays

- Developed a deep learning-based web application to predict pneumonia from chest X-ray images using PyTorch and Keras models.

- Implemented Grad-CAM and Integrated Gradients to generate visual explanations of model predictions.

- Built a Flask interface to allow users to upload images, receive predictions, and view interpretability overlays.

Sentiment Analysis on Product Reviews

- Built an NLP model using TF-IDF and Logistic Regression to classify reviews with 92% accuracy; applied text preprocessing with NLTK and deployed via Flask for real-time predictions.

Watch E-Commerce Website

- Developed a fully responsive and user-friendly e-commerce website for selling watches using React.js.

- Integrated RESTful APIs to manage product listings, cart functionality, and user authentication.

Competitive Coding Practice

- Solved 100+ problems in LeetCode focusing on DSA, dynamic programming, and complex logic.

Certifications

- Cisco - Data Analyst Essentials

- Oracle Java Fundamentals Badge

- Machine Learning and Data Analytics Workshop.

Additional Highlights

- Strong analytical and reasoning skills, Excellent communication and collaboration abilities, Fast learner.

- Quick learner with interest in emerging technologies including Machine Learning and AI.