



GURUBALAN. V

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Career Objective

"Motivated and detail-oriented B.Tech Information Technology graduate from Coimbatore Institute of Engineering and Technology, with a strong foundation in Full Stack Java Development. Proficient in Java, Python, HTML, CSS, JavaScript, Bootstrap, Spring, SQL, and Data Structures, with a keen understanding of Database Management Systems. Seeking a challenging role as a Full Stack Java Developer to leverage my technical skills, problem-solving abilities, and passion for software development to contribute to innovative projects and enhance my professional growth in a dynamic IT environment.

Education

Coimbatore Institute of Engineering and Technology
Bachelor of Technology - Information Technology
CGPA: 7.5

Coimbatore, TamilNadu
June 2020 - May 2024

Mangayarkarasi Higher Secondary School Biology
Mathematics HSC Percentage: 47%

Madurai, TamilNadu
June 2019 - March 2020

Mangayarkarasi higher secondary school SSLC
Percentage: 67%

Madurai, TamilNadu
June 2017 - March 2018

Skills

Frontend : HTML, CSS, bootstrap
Backend : JavaScript , JAvA, Python, spring boot, Node.js , React
Database : Mysql

Projects

LUNG DISEASES PREDICTION USING DEEP LEARNING

This project developed two pre-trained CNN models to detect pneumonia using the Kaggle dataset, achieving an accuracy of 96.26% and 95.32% for VGG16 and VGG19, respectively. The models' accuracy may vary when trained on a larger and more diverse dataset of chest X-ray images.

BRAIN DISEASE DIAGNOSIS USING MACHINE LEARNING

Existing methods for segmenting brain tumors in MR images struggled with complexities like subtle tissue variations and noise. Our novel approach tackled these challenges by combining multimodal image segmentation, feature extraction with Gabor filters, and enhanced generative models guided by spatial knowledge. Leveraging the Bat Algorithm for optimization, we achieved significantly improved accuracy in segmenting brain tumors within MR images.

Certifications

- Currently Pursuing Full Stack Java Course on Code99 It Academy
- Completed a Course Java Programming in Great Learning
- Completed a Course Internship on Python in Pantech Solutions

Interests

PhotoShop
Software Development
Web Designing

Language

Tamil - Native
English - Upper Intermediate