

Vijayalakshmi B

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PROFILE

Recent M.Tech graduate in IT with expertise in Java, C++, SQL, HTML and CSS, along with a solid foundation in Machine Learning and Deep Learning. Proven ability to apply theoretical knowledge in practical projects, showcasing proficiency in algorithm development and data analysis. Eager to apply my skills and contribute to innovative projects in a collaborative team environment.

EDUCATION

SSN COLLEGE OF ENGINEERING

MASTER OF INFORMATION
TECHNOLOGY

Kancheepuram, Tamil Nadu
CGPA: 8.1 | July 2023

JERUSALEM COLLEGE OF ENGINEERING

BACHELOR OF INFORMATION
TECHNOLOGY

Chennai, Tamil Nadu
CGPA: 6.9 | Sep, 2020

ZION MATRIC HR.SEC

HSC-2016
Chennai, Tamil Nadu
PERCENTAGE: 69

SHANTHINIKETHAN MATRIC HR.SEC

SSLC-2014
Chennai, Tamil Nadu
PERCENTAGE: 87

LANGUAGES

English • TAMIL

SKILLS

Java • C++ • SQL • HTML • CSS and
JavaScript • Google Colab • Data
Structures • Machine Learning with
Python

AREA OF INTEREST

Software Development • Testing • Web
Development • AI And Machine Learning
• Deep Learning

PROJECTS

CONCRETE CRACK-DETECTION AND CATEGORIZING THE TYPE OF CRACK USING EFFICIENTNET-B0, YOLOV5 AND YOLOV8

- Utilized EfficientNetB0 for accurate binary crack detection.
- Annotated the cracks in concrete images using RoboFlow platform.
- Integrated YOLOv5 model for precise crack localization within images.
- Trained a custom model to categorize different types of cracks.
- Developed a comprehensive system for concrete crack detection and classification.
- Successfully integrated multiple deep learning models into the project.

CLOUD BASED ONLINE AUCTION SYSTEM USING MOBILE NETWORK

- Developed a cloud-based online auction system using mobile network technology.
- Designed and implemented a secure, scalable, and intuitive auction platform for seamless mobile access.
- Integrated real-time bidding and notifications, revolutionizing the user auction experience.
- Implemented robust authentication and encryption mechanisms, ensuring data privacy and safeguarding sensitive user information.

HOBBIES

Realistic Pencil Sketching And Painting

Photography

Reading Enthusiast