

JANARTHANAN V K

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CARRER OBJECTIVE

Proficient in full-stack development and passionate about building scalable solutions that align with business goals.

Skilled in developing and scaling machine learning algorithms to drive efficiency and data-driven results.

EDUCATION

B.TECH IN ARTIFICIAL INTELLIGENCE & DATA SCIENCE

SAVEETHA ENGINEERING COLLEGE | 2022 - 2026

CGPA: 8.53/10 (Until 5th Semester)

HIGHER SECONDARY SCHOOL EDUCATION

VELAMMAL MATRICULATION HIGHER SECONDARY SCHOOL | 2020 - 2022

Percentage: 85.83%

HIGH SCHOOL EDUCATION

VELAMMAL MATRICULATION HIGHER SECONDARY SCHOOL | 2008 - 2020

Percentage: 80%

EXPERIENCE

Arjun Vision Tech Solution | Machine Learning

- Built and trained a CNN (Conv2D) model for detecting skin diseases from medical images using TensorFlow and Keras.
- Worked on cleaning and augmenting image datasets with tools like NumPy and Pandas to improve model performance.
- Collaborated with the team to refine the model, optimizing both its accuracy and real-world deployment potential.

PROJECTS

DROWSINESS ALERT SYSTEM

- Developed a basic Python code to Alert the Driver when he/she Feels Drowsy at the Time of Driving to Avoid Accidents

REAL TIME OBJECT DETECTION AND ALERT SYSTEM

- We used YOLO for real-time object detection to monitor valuables and alert users on illegal handling via SMS, email, or notifications.

ACTIVITIES

- Conducted a workshop on deep learning.
- Participated in a Datathon hosted by IBM.

TECHNICAL SKILLS

LANGUAGES

Kotlin • Java • C • SQL • Python

FRONTEND

ReactJS • HTML • CSS • JavaScript

BACKEND

NodeJS • MongoDB

OTHERS

Data Structures & Algorithms • DBMS • OOPS • Git • GitHub • Postman

SOFT SKILLS

- Communication skills
- Teamwork and collaboration
- Analytical Skills
- Creativity
- Adaptability

CERTIFICATIONS

- Microsoft Azure AI Engineer Associated (ICT)
- Deep Learning (Infosys)
- NVIDIA Efficient Large Language Model (LLM) Customization