



# SHAHEEKA K

## ABOUT ME

Passionate AI and ML enthusiast with expertise in Python, data science, and computer vision. With hands-on experience in Vehicle monitoring controlling and tracking system using Android Application, and Skin Disease Detection Using CNN, I excel at building intelligent solutions that optimize efficiency and enhance decision-making. Adaptable and analytical, I thrive in dynamic environments, leveraging my problem-solving skills to drive innovation and contribute meaningfully to cutting-edge AI research and applications.

## ADDITIONAL QUALIFICATION

### Software development

Sparx Rural and Urban Development Society

December, 2023 – March, 2024

### INTERNSHIPS & TRAINING

Internship on Data Analytics Using PowerBI-NIELIT

Haridwar (Govt. of India).

Completed basics of embedded system internship from keltron knowledge centre, kozhikode.

## PROJECTS

### BODY CONTROL MODULE

Designed the Body Control Module and Light Control With limited functionalities using CAN protocol (Indicators and headlight.)

### LIBRARY MANAGEMENT SYSTEM

The Library Management System is a Django-based web application for efficiently managing books, users, borrowing, and returns. It streamlines library operations and enhances the user experience.

### LIBRARY MANAGEMENT SYSTEM

Developed a Library Management System using PHP Laravel for efficient book, user, and borrowing management. Implemented user-friendly interfaces for searching books, managing requests, and tracking overdue items.

### HOUSE PRICE PREDICTION USING MACHINE LEARNING

This project utilizes ML algorithms like Random Forest, Gradient Boosting, and SVM to predict house prices accurately based on various features.

### POPULATION MIGRATION ALGORITHM FOR EIGEN VALUE OF MATRIX

This project applies a population migration-based optimization algorithm to efficiently compute the eigenvalues of matrices.

### RECOMMENDATION SYSTEM USING WORD EMBEDDING AND WORD2VEC

Word2Vec and word embedding techniques to generate personalized recommendations based on semantic similarities in user preferences.

### SKIN DISEASE DETECTION USING CNN

This project utilizes deep learning architectures like VGG-16 and ResNet to accurately classify and detect various skin diseases from medical images.

### CERTIFICATES

JRC Volunteer (Junior Red Cross 2013-2015)

Data science for Engineers (IIT MadrasNPTEL)

## CONTACT

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## EDUCATION

### Master of Technology in AI&DS

APJ Abdul kalam Technological University

2024-2026

### Bachelor of Technology in ECE

APJ Abdul kalam Technological University

2018-2022

### Plus Two

RAC HSS KATAMERY

2016-2017

RHSS,AYANCHERY

2014-2015

## SKILLS

Python ,Django

Php

HTML,CSS,Bootstrap

Javascript

MySql

## LANGUAGE

English ,Malayalam

Hindi,Arabic