



# ABILASH K

AI ENTHUSIAST

## CONTACT ME AT

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### Github

<https://github.com/Abilashkanagasabai>

## PROFESSIONAL SKILLS

- Python
- C/C++
- Data Science
- Artificial Intelligence/Machine learning
- Deep Learning
- Open CV
- NLP

## AREA OF INTERST

- Data Science
- Artificial Intelligence/Machine learning
- IoT
- Computer Vision

## PROFILE

- **Summary** An adaptable and responsible graduate seeking an entry-level position in the AI industry.
- Experience in building **Artificial Intelligence** applications with **Machine Learning, Deep Learning** with **Python**.
- Machine Learning Algorithms include **Linear Regression, Ridge Regression, Lasso Regression, SVM, Logistic Regression, Decision Trees, Random Forest, KNN, Naïve Bayes, K-means Clustering, Hierarchical Clustering**.
- Deep Learning Algorithms include **Artificial Neural Network, Convolution Neural Network, Recurrent Neural Network, LSTM, YOLO, Open CV**.
- Skilled in libraries such as , **Sklearn** for Machine Learning, **Keras, Tensorflow** for Deep Learning, **Numpy, Pandas** for Data Manipulation, **Matplotlib and Seaborn** for Data Visualization.
- Programming Languages and Concepts: **Python and C/C++, Object oriented programming , Data Structures and Algorithms**
- Good Knowledge in **Statistics**
- Good knowledge in **Time series Forecasting using ARIMA model and Seasonal ARIMA model**
- Operating systems: **Windows 10/ Linux(Ubuntu)**.
- Databases: **Mysql and Mongo DB(Basics)**.
- Cloud Platform: **Heroku**.
- Platforms and Misc: **Anaconda, Jupyter Notebook, Pycharm, Spyder IDE, Visual studio code**.

## EXTRA CURRICULAR ACTIVITIES

- Participated in Hackathon "Impathon 2.0" conducted by "School of Ai" and secured **2nd prize**.
- Attended a workshop on topic "ARDUBOTICS AND ROBOTICS" conducted by Innovians Technologies.
- Attended a course on Topic "**Cost Estimation**"
- Participated in online coding challenges in websites **Kaggle, Machine hack, Hackerrank, Tech gig**.
- Participated on **FFS 2018** conducted at Kumaraguru College of Technology ,Coimbatore

## LANGUAGES KNOWN

- **TAMIL** -Native  
(Read-Write-Speak)
- **ENGLISH**  
(Read-Write-Speak)

## HOBBIES

- CARROM BOARD
- MUSIC
- CRICKET

Project Name	Tools & Technologies
Car Price Prediction <b>Demo</b> (Click Here) <b>Github Link</b> (Click Here)	MachineLearning (Regression), Streamlit
Mobile Price Range Prediction <b>Github Link</b> (Click Here)	MachineLearning (Classification),
Cotton Leaf Disease Prediction <b>Github Link</b> (Click Here)	Deep Learning, Convolutional neural network
Fake News Classifier <b>Github Link</b> (Click Here)	Recurrent neural network, Natural Language Processing
Text extraction from scanned image <b>Github Link</b> (Click Here)	Deep Learning, Computer Vision(OpenCV)
Face mask detection and social Distancing Detector	Deep Learning, Computer Vision(OpenCV)
Covid 19 -Data analysis : <b>Github Link</b>	Python,Data Visulaization

## TRAININGS AND CERTIFICATIONS

### ARTIFICIAL INTELLIGENCE/MACHINE LEARNING

VEE TECHNOLOGIES,SALEM | DEC 2018

### MACHINE LEARNING MASTERS

iNEURON.ai(Online) | OCT 2019 - MAR 2020

### DEEP LEARNING A-Z IN PYTHON

UDEMY | APR 2020

## EDUCATION

### B.E Mechanical Engineering

Sona College of Technology,Salem | 2017 - 2021

- CGPA 8. 7 (Upto 6th Sem)

### HSC

Srii Jothi Higher Secondary School,Salem|201----**91.6%**

### SSLC

St.Johns Matriculation Higher Secondary  
School,Salem | 2015----**95.2%**