

# Jayakumar S

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## EDUCATION

### KALASALINGAM UNIVERSITY BTECH IN COMPUTER SCIENCE AND ENGINEERING

2020 - 2024 | Krishnankoil, TamilNadu  
Academy of Research and Education  
Cum. GPA: 7.91 / 10.0

### MUSLIM HR SEC SCHOOL

Grad. Mar 2020 | Abiramam, TamilNadu  
10th Marks: 426 / 500  
12th Marks: 442 / 600

## LINKS

Portfolio:// [jayakumars.dev](https://jayakumars.dev)  
Github:// [JAYAKUMAR7](https://github.com/JAYAKUMAR7)  
LinkedIn:// [jayakumar07](https://www.linkedin.com/in/jayakumar07)  
Kaggle:// [jayakumar07](https://www.kaggle.com/jayakumar07)  
Twitter:// [JayaKumar171](https://twitter.com/JayaKumar171)

## COURSEWORK

### UNDERGRADUATE

Machine Learning  
Natural Language Processing  
Deep Learning  
Design and Analysis of Algorithms  
Operating Systems  
Database Management Systems  
Computer Networks

## SKILLS

### PROGRAMMING

Over 5000 lines:  
Java • Solidity • C++  
Over 1000 lines:  
Python • C •  $\text{\LaTeX}$   
Familiar:  
HTML • CSS • Javascript

## HOBBIES

- Arbitrage Trading
- Looks for updates on Blockchain
- Problem Solving
- Reading History books on world politics
- Outdoor games

## PROJECTS

### FLOWER IDENTIFICATION USING TENSORFLOW | 3RD SEMESTER

Github link:// [flower-identification-using-tensorflow](https://github.com/JAYAKUMAR7/flower-identification-using-tensorflow)

- Identification of flowers by using popular flower image dataset which classifies the respective flower's name with the help of tensorflow.

### LOAN PREDICTION USING SUPERVISED MACHINE LEARNING MODELS | 4TH SEMESTER

Github link:// [Loan-prediction-using-supervised-machine-learning-models](https://github.com/JAYAKUMAR7/Loan-prediction-using-supervised-machine-learning-models)

- Prediction of loan by verifying all the satisfactory constraints to be done for loan approval by using supervised machine learning algorithms.

### BITCOIN PRICE PREDICTION | 5TH SEMESTER

Github link:// [Bitcoin-price-prediction](https://github.com/JAYAKUMAR7/Bitcoin-price-prediction)

- Prediction of the decentralized Bitcoin's price based on the previous data obtained from the yfinance website.

### PNEUMONIA CLASSIFIER | 6TH SEMESTER

Github link:// [Deep-learning-based-pneumonia-classifier](https://github.com/JAYAKUMAR7/Deep-learning-based-pneumonia-classifier)

- Deep learning based Pneumonia classifier which classifies the respective pneumonia class with the help of chest X-Ray images by using 7 different CNN models.

## EXPERIENCE

### TECHTRUNK VENTURES | INTERN

2021 | Hyderabad, India

Worked on a project which deals with the creation of S3 buckets and hosting of website and deals with the domain configurations by creating hosted zones in Route 53 on Amazon Web Services (aws)

## AWARDS

- 2022 Published Research paper on "Analysis on Forecasting of Loan using Supervised Machine Learning Models" on IEEE Xplore
- 2020 Participated in GUVI's Guinness World Record of "Most users to take an online computer programming lesson in 24 hours"

## PUBLICATIONS

- [1] S.Jayakumar, B. Manickam, Kamalakannan, Padmanaban, and M. N. Balaji. Analysis on forecasting of loan using supervised machine learning models. *IEEE Xplore*, 2022.