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: 8.17 / 10.0

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

LINKS

Portfolio:// **jayakumars.dev**
Github:// **JAYAKUMAR7**
LinkedIn:// **jayakumar07**
Kaggle:// **jayakumar07**
Twitter:// **JayaKumar171**

COURSEWORK

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

SKILLS

PROGRAMMING
Over 5000 lines:
• Python • NLP • Generative AI
Over 1000 lines:
• Java • LaTeX • Solidity • SQL
Familiar:
• Power BI • Data Analytics
• Data Visualization •HTML
• CSS • Javascript
• Blockchain Development

HOBBIES

• Problem Solving
• Experimenting new AI Tools
• Reading AI related news letters
• Reading History books on world politics
• Outdoor games

PROJECTS

FLOWER IDENTIFICATION USING TENSORFLOW | 3rd Semester
Github link:// 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
• 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
• 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
• 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

GENPACT | INTERN
Feb 2024 - Jul 2024 | Bangalore, India

Financial Risk Management Dashboard

• Developed a Financial Risk Management Dashboard using Power BI, demonstrating advanced data visualization and analytical skills.

Report Summarization for Financial Advisors

• Acquired expertise in Python, NLP, and Generative AI; implemented a Report Summarization project for financial advisors to streamline document summaries through AI technologies.

AWARDS

2023 Won Second Prize in Project presentation Competion for the project "Pneumonia Classifier" conducted by IBM
2022 Published Research paper on **"Analysis on Forecasting of Loan using Supervised Machine Learning Models" on IEEE Xplore**
2021 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.