

SANTUMOL. C. PUTHIYAPARAMPIL

DATA SCIENCE/ MACHINE LEARNING ENGINEER

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Kottayam, Kerala - India

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EXPERIENCE

Business Development Associate, Purpose Technology

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2022-2023

North Paravur, Ernakulam

Tutor, Own Institution

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2014-2022

Kumarakom, Kottayam

CERTIFICATIONS

- GENERATIVE AI WITH LARGE LANGUAGE MODELS (COURSERA) - 2023
- NATURAL LANGUAGE PROCESSING WITH CLASSIFICATION AND VECTOR SPACES (COURSERA) - 2023
- APPLIED TEXT MINING IN PYTHON (COURSERA) - 2023
- START PROGRAMME (ISRO) - 2023

TECHNICAL SKILLS

- Matlab, Orcad & Proteus, Assembly language programming using 8051 microcontrollers, Digital Electronics, Analog Communication
- Python, Machine Learning, Deep Learning, Deep Learning with Computer Vision, Natural Language Processing (NLP), Bioinformatics.

PERSONAL SKILLS

- Strong organizational & time- management skills.
- Exceptional communication & inter- personal skills.
- Ability to work independently as part of team.
- Detail oriented & able to handle multiple tasks simultaneously.
- Proficient in developing machine learning models.
- Strong problem solving & analytical skills.
- Experience in Natural Language Processing (NLP) & NER.

SEMINAR- M. TECH

- Medical Named Entity Recognition (NER)

SEMINAR- B. TECH

- Interference mitigation in Cyber Physical WBANS using Social Networks

EDUCATION

M.Tech in Computer Science with specialization in Software Engineering

Cochin University of Science & Technology

2022-2024

Kochi, Kerala

B. Tech in Electronics & Communication

K. R. Gouri Amma College of Engineering

2010-2014

Cherthala, Alappuzha

PROJECTS- M. TECH

Unsupervised Medical Named Entity Recognition

- Clustering based recognition of drugs and diseases in the clinical discharge summaries.

Heart Disease Prediction using Machine Learning

- Various Classification algorithms are used to predict heart disease.

Fish image species Classification using ResNet

- ResNet (Residual Neural Network) is a type of convolutional neural network (CNN) which is used to classify various fish species.

Prediction of bitcoin price using Machine Learning

- Price of the bitcoin is predicted using various machine learning algorithms by making use of OHLCV dataset.

Kidney Disease Prediction using Machine Learning

- some machine learning algorithms are used to predict kidney disease.

PROJECTS- B. TECH

Design & Development of an Embedded System for Interactive Interview & Result Processing through voice call

- To reduce the time and effectiveness in short-listing candidates a proper telephonic interviewing system is to be created.

Advanced Bank Security System

- Using PIC, implemented a high- level banking security system.