Rishin Rahim

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Summary

• Proficient in Python programming for Machine leaning and data analysis
• Hands on experience in implementing Machine learning models with Scikit, tensorflow and Keras
• Well versed with python data manipulation/analysis libraries like pandas and numpy .
• A sound understanding of data structure and algorithms
• Research interest in Natural Language processing and Conversational AI

Experience

Senior MLDE

BlueOptima

Jul 2021 - Present (1 year 3 months +)
• Apply machine learning to version control data to measure software development productivity.
• Working on a project that aims to capture the coding behaviour of software developers

Senior Machine Learning Engineer

Unisys India

Feb 2020 - Jun 2021 (1 year 5 months)
• CloudForte™: Built time series forecasting models to predict computing and disk utilization and calculate/predict the cost savings, Recommendation Models that help the user to make better decisions regarding upscaling or downscaling of resources.

• InteliServe™ :Built classification Models to assist conversation AI in identifying and classifying the intent of a text conversation, Built NLG Utterance Models to generate text conversations from Knowledge base. Integrated ML models with Amelia Conversational AI and helped in improving its performance

Machine Learning Engineer

Tata Consultancy Services

Mar 2015 - Jan 2020 (4 years 11 months)
• Contract Digitisation™ - AI Platform for Legal Documents : Built a Data Engineering pipeline to collect, store, clean and transform legal documents, Built NER models and classification models to extract metadata and recognise standard agreement clauses from Contract documents. Deployed the models in client server machines and built dashboards to monitor the different legal agreements.

• SmartQE - A Quality Engineering Platform : Built a Test suite Optimisation NeuralNet Model to optimise test cases to reduce test case redundancy. Built a Defect Prediction model that predicted the number of defects in future application release , Built a Root Cause Analysis text classification model, Built a similarity check model that measures the degree of similarity between different test step execution.

Education

Indian Institute of Information Tech & Mgt-Kerala

Master of Science - MS, Information Technology

2012 - 2014

Master's Thesis :Threshold logic Object Detection using FPGAs .Thesis Advisor : Dr Alex P James:
Two novel techniques for object detection are presented, based on Resistive threshold logic and binary
XNOR operation. The design and verification is done using Verilog HDL The design is then synthesised
and mapped into FPGA.

Cochin University of Science and Technology

Bachelor of Technology (B.Tech.), Information Technology

2007 - 2011

Licenses & Certifications

TensorFlow in Practice Specialization - Coursera

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Skills

Python • Natural Language Processing • Data Analysis • Machine Learning • TensorFlow • Deep
Learning