Prabhupad Pradhan

Senior Python developer looking for opportunity in Machine Learning

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PROFESSIONAL EXPERIENCE

Senior Software Developer
Accenture   04/2020 - 04/2021   Remote

- Delivered automation framework which validates the source and target table data and execute data warehouse jobs on demand or on schedule **this played a vital role in achieving major Q3 Milestones**
- **Contributed in building a high performing automation framework** which is capable of processing a million records, made use of python dask for parallel computation
- Delivered a **dashboard** using python dash showing the real time execution result and other key summary
- Trained and managed a team of 7 of developers and discussed issues in order to provide resolution and utilize best practices in Agile

Senior Software Test Engineer
Amdocs   09/2015 - 04/2020   Pune, Maharastra, India

- **Lead artificial intelligence and machine learning campaign** in Amdocs Optima group, conducted multiple python boot camp and AI awareness sessions
- Delivered a REST API testing framework with python which **increased testing efficiency by 150 %**
- Pitched a Business Requirement Classifier which can simplify business requirement to create product packages for Kenan (Billing Platform in Telecom industries)
- Developed a testing environment management chatbot which can perform operations like get test environment health status of various components like CRM, OMS, ABP, AEM, MCSS etc., get execution status from ALM, execute sanity test cases. Its core component is built on an Intent classifier using BERT, t**his tool was a major help to manual testers saving ~50% of their time.**
- Implemented new practices in 60% of the participated projects
- **Singed off 3 major releases** on site for digital transformation projects (Singapore and Australia) with high quality ratings by customer

EDUCATION

B.Tech. Electronics and Telecommunications
KIIT University
07/2011 - 07/2015   Bhubaneshwar, India

AWARDS

⭐ SPOT Award for Innovation of the month, Feb' 21 Accenture

⭐ Amdocs Optima innovator of the month, Mar' 20 Amdocs

⭐ Amdocs Digital SPOT award, Mar' 18 Amdocs

⭐ Amdocs Quarterly Recognition Mar ' 17

NOTABLE CERTIFICATION

Advanced certification in AI & ML
IIIT Hyderabad, 2020

AIML Certification by DRDO (Defence & Research Organization)
Online Course 2021

Machine Learning by Andrew Ng
Coursera, 2021

AI Programming in Python
Udacity Nano Degree, 2019

INDIVIDUAL PROJECTS

Image search UI (Using Open AI's CLIP)
A embedded vector created by training pair of encoded image and sentence describing that image on vision transformer & transformer. The embedded vector is then used as a zero shot classifier.

Aspect based sentiment classification
Built an improved version of sentiment classifier which can predict the sentiment of a review comments based on aspect words.

Handwritten Captcha inference pipeline
Fine-tuned a pre-trained vgg16 model with MNIST dataset, developed an inference API using Flask to predict probability of handwritten digit

Offline Speech to text converter
Fine-tuned wav2vec2 model with 5hr of labeled data to obtain transcription of a speech stored in .wav file.

TECHNICAL SKILLS

Scripting Languages

`Python3` `Shell` `HTML5` `JS`

Database

`Oracle` `DB2` `Postgresql`

Data Visualization

`Ms. Excel` `Tensorboard` `Tableau`

Web Framework

`Flask` `Django`