

MURALI KRISHNA KADAMBI

Aspiring AI-ML Engineer

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11 yrs experience in ecommerce/WMS; looking to work in AI/ ML. Possess strong analytical, technical and creative mind. A team player and good communicator. Currently pursuing Advanced Certification in Machine Learning and Cloud from upGrad. Most recently project: Credit Approval Application using Logistic Regression with adjusting threshold to get better recall.

Key Skills

Python, Pandas, Tensorflow, Computer Vision (VGG, Alexnet), AWS, NLP, Sentiment Analysis, Agile Scrum Master, Pyspark, Logistic Regression, Decision Trees, strong debugging skills

Technical skills:

Technologies: Machine Learning (AI/ ML), Natural Language Processing (NLP), IoT (Bolt Platform), Google Cloud Platform, Amazon Web Services, Pyspark, Bigdata, Hive

Languages/ Libraries: C, C++, Javascript, jQuery, Python 3, Keras, TensorFlow 2.x, Trax, Pytorch

Hardware Languages: VHDL, Verilog, System Verilog

Tools: MS Office, Maven, Eclipse IDE, Android Studio (IntelliJ), Visual Studio

Education & Achievements

Advanced Certification in Machine Learning and Cloud from upGrad	09/2021- Present
Deep Learning for Computer Vision – IIT-H	05/2021-10/2021
Natural Language Processing Specialization from Coursera - DeepLearning.AI	12/2020-03/2021
Deep Learning Specialization from Coursera - DeepLearning.AI	08/2020-12/2020
Applied Data Science with Python from Coursera - University of Michigan	08/2020-12/2020
MS in Electrical Engineering - NCSU, Raleigh USA	01/2007-12/2008
Bachelors E&C Engineering – VTU, NIE, Mysore India	08/2001-06/2005

Projects Undertaken

Project: Credit Application Approval || Tech Stack: PySpark, AWS, EMR Cluster

Objective: Predict defaulters to reduce risk of credit agency

- Performed EDA in Pandas
- Logistic Regression model built in PySpark running on 2 node AWS EMR cluster
- Extracted model metrics and tuned threshold for high recall (0.87)

Project: Neural Style Transfer model || Tech Stack: Python, Tensorflow

Objective: Convert given images into artistic stylized versions based on user configuration

- Used Tensorflow to train a model to convert image to stylized version
- Wrote Python code to reuse model architecture to generate different styles of images

Work Experience:

Freelance Engineer

08/2020 - Present

- Worked on setting up ecommerce sites to small business
- Developed python + Tensorflow code to train Neural Style Transfer model for mobile app

Zensar Technologies: Project Lead (USA, India, Canada)

02/2009 – 04/2020

- Worked for multiple clients like Macy's, Kohl's, Verizon Wireless, iCongo, Gifting Grace, TBC Corp, Walgreens
- Worked with data science team to deliver ML models, transitioning them from legacy on-prem to google cloud platform in Kohl's
- Analyzing & Debugging JBoss logs, JS, jQuery, jsp related issues in dev/ QA/ Prod
- Other roles played: Business Analyst, Systems Analyst, Project Manager, Project Lead, Scrum Master

Honeywell Technology Solutions Lab: Engineer (India)

06/2005 – 11/2006

- Designed and tested prototype of non-contact current sensor using anisotropic magneto-resistive element and instrumentation amplifiers