Vejey Subash Gandyer

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I love ideating, researching, designing, building, hacking, testing, deploying, supporting data products that touch people's lives. I balance my days as machine learning, deep learning engineer, mentor, and teacher to ensure the business, customers, teammates and data products are successful.

EXPERIENCE - 13 years (AI/ML, Educator)

ConversationHealth Inc., Toronto - Senior AI Lead
Dec 2019 - till date | NLP Chatbots
Leading a team of NLP developers in building State-of-the-art Conversational AI agents for Healthcare.

HealthChain Inc., Toronto - Data Scientist
June 2018 - Nov 2019 | NLP Prescription parser | https://healthchainrx.github.io
Successfully built NLP prescription parser employing LSTM, CRF and Dictionary based learning and led all Data Science initiatives. Reduced errors and ambiguous prescriptions by 36%. Built Cannabis Prescription parser and Collaborated with a team of 14 researchers, engineers, designers, & devops to create a robust portfolio of data products to mitigate doctor prescription errors. Instrumental in onboarding integrators like Teladoc, CabMD, CanScripts, Fillware.

HealthCareForPets.com, Toronto - Deep Learning Engineer
Mar 2018 - May 2018 | Pet Health Classifier | www.healthcareforpets.com
Collaborated with a team of 4 engineers. Built and launched a pet health classifier. Initiated a free "Ask The Vet" feature which increased the MAU by 40%

Sckooled Technologies, India - Machine Learning Engineer
Dec 2016 - Feb 2018 | Curato - Content Generator | https://curato.herokuapp.com
Built an AI powered Content Curator that saves time and cost of curation of new materials. Led a team of 4 engineers to build Personalized Content curator producing knowledge nuggets.

Yali Technologies, India - CTO & Machine Learning Engineer
Jun 2016 - Nov 2016 | Chat Bots & Recommendation Engine | https://github.com/subashgandyer/Chat-bots
Led a team of 4 engineers and 6 remote engineers to build Recommendation Engine for Restaurant Industry. Built Menu Ordering Chat bots for restaurants. Increased Restaurant Revenue by 23% through Chatbot Sales Channel

KCG College of Technology, India - Senior Assistant Professor
Jun 2012 - Nov 2016 | Educator | www.kcgcollege.com

MNM Jain Engineering College, India - Assistant Professor
Oct 2009 - Oct 2011 | Educator | www.mnmjce.com

Indian Institute of Technology Madras, India - Teaching Associate
Jul 2007 - Sept 2009 | Educator & Researcher | www.iitm.ac.in

EDUCATION

University of Toronto, Canada
Certificate in Management of Enterprise Data Analytics (MEDA)
2018-still pursuing

Amrita Vishwa Vidyapeetham, India
M.Tech Computer Vision & Image Processing - Silver Medalist
2003-2005

Bharathiar University, India
B.E Computer Science & Engineering
1997-2001

SKILLS
Machine Learning
Scikit-learn, Surprise, LightFM

Chat bots
Wit.ai, Rasa, DialogFlow

NLP
Language Modeling, Summarization, Embeddings, NLTK, Spacy, TextBlob, OpenNLP

Deep Learning
Keras, Tensorflow, FastAI, PyTorch

Data Analytics & Visualization
Pandas, Numpy, Matplotlib, Seaborn, Streamlit

Computer Vision
Object Detection, Localization, Classification, OpenCV, Tesseract

Big Data
Spark, Kafka, Structured Streaming

Technical
Python, Flask, AWS, GCP, Docker, Amazon Mechanical Turk, Dataturks