Indrajith Indraprastham

A curious person who likes to tinker and learn new things.

Indraprastham House
Perambra Post,
Kozhikode 673525,
Kerala, India
(+91) 9495413140
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SKILLS

Linux Environment

Skilled in working with linux based systems. Experienced in maintaining and building customized systems entirely from source.

Web Technologies

Experienced in cloud computing, mapreduce and working with distributed datasets.

Experienced in Google App Engine, Openshift and Heroku. Worked with frameworks such as Django, Bootstrap, Wordpress, and Webapp2.

Data Science and Machine Learning

Experienced in analyzing large scale data and using advanced statistical and machine learning model and providing meaningful insights and business intelligence.

Skilled in building models using machine learning. Worked with time series data, demand forecasting, inventory level optimization and music information retrieval.

Experienced in using technologies like Spark, Tensor Flow and other frameworks such as numpy, pandas, scikit and scipy.

EXPERIENCE

Data Scientist — *Spineor Technologies*

JULY 2017 - PRESENT

Freelance Developer - *Upwork*

APRIL 2011 - PRESENT

EDUCATION

Bachelor's Degree in Computer Science and Engineering
— Adichunchanagiri Institute of Technology, Chikmagalur

LINKS

Github:
github.com/indrajithi

Blog:
indrajith.me

Portfolio:
indrajith.me/portfolio

Resume:
resume.indrajith.me

LANGUAGES

Python, C, Javascript, Matlab, C++

PROJECTS

Inventory Level Optimization —*Predictive model building.*

Demand forecasting for an Ecommerce shop with over 1 Million products.

Analyze large inventory datasets. Determine the rate of change and the movement of products in the inventory.

Build statistical and machine learning models using historical data to forecast demand and optimize inventory levels.

OPEN SOURCE PROJECTS

Music Genre Classification App — A *Webapp to classify music based on genres.*

Used various machine learning classification algorithms like logistic regression, Support Vector Machine to classify music based on genres.

Made a web app using Python, Django and AngularJS.

This project was featured on ***Github Trending*** for Python language.

Python package for Music Genre Classification — *A python package to classify music based on genres.*

Audio Spectrum Visualizer in OpenGL — *Real time audio power spectrum using OpenGL.*

Used fast fourier transform to generate the power spectrum of an audio and visualize it in real time using OpenGL.

This project was featured on ***Github Trending*** for C language.

Time-Spark— *A small python package for time series analysis on Spark (dev).*

Anagram Solver App — *A web app written in Python to solve scrambled words.*

Sudoku Solver in C++ — *A simple command line Sudoku Solver written in C++*