Nagaraj Bhat

Deakin university graduate.

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PROFILE

A Graduate from Deakin university with previous experience as a software developer. Looking to make meaningful impact in the organization by extracting insights from data and building machine learning products. Have an ability to work independently, Learn on the go and solve difficult problems.

KEY SKILLS

- Core Languages : Python, Golang.
  Basic understanding: javascript, R, ruby, html, css, jquery, nodejs, java.
- Frameworks: flask, Django, Hugo.
- Libraries : Numpy, pandas,scipy, tensorflow.
- Visualisation tools : matplotlib, seaborn, folium, tableau.
- Version control : Git, github,gitlab.
- Database: Postgresql, sql.
- Machine learning : Linear regression,logistic regression, neural network, decisoin tree, Statistics, probability.

PROFESSIONAL EXPERIENCE

SOFTWARE DEVELOPER   **JUNE 2016 – DECEMBER 2016**

LAUNCHYARD

An IT startup in Bangalore with a Procuct called AirCTO.It is a web based interview system where any company could request candidate interviews, which would be conducted by working professionals from other companies. Thereby reducing developer's wastage time.The company is currently acquired by Gojek.

- Learnt a new programming language "Golang" (even though was hired for python). Was able to start contribution to the codebase within a week.
- Worked with python based Django framework for backend development.Performed unit test, maintained documentation.
- Wrote technical blogs .Including one on "Using postgresql full text search with golang". The implementation improved efficiency of the company website search engine.
- Technologies used: gitlab,emacs , Django, golang,python, postgresql,ubuntu.
- Desgined database(model relations) .

CERTIFICATIONS & QUALIFICATIONS

Graduate,Master of data analytics   **2019**
Deakin university   *Melbourne*

B.E ,Computer science   **2015**
VTU   *Bangalore*

Microsoft certificate : Received a certificate from microsoft MEC(Massively   2015

empowered classrooms) course.

Java certificate: Completed a java course in "ABCfor java" institution   2015
which is ISO certified and a NASSCOM member.

PROFESSIONAL CONTRIBUTIONS/ PROJECTS

- Built a portfolio website with CRUD(Create Read Update Delete) operation using
    Django,deployed in heroku.
- Visualised Agriculture data (Karnataka) in map using python's leaflet.js based Folium.
  Highlights of this project
    - Adressed questions like "Where do Top agriculture commodities in Karnataka arrive at?",
      "For each of the districts what are the largest commodity?".
    - Built a flask app for interactive map visualization. It takes commodity name in search field
      and outputs an interactive map showing distrinbution of arrival of commodities in various
      districts.
    - Data preparation –merging,sorting,filtering,grouping data using pandas.
    - Created tiles,markers,choropleth map.
    - Displayed multiple data views on the same map using feature group and layer control.
    - Using icon for folium markers.
    - Barplot using seaborn.