Gurubux Singh Gill

⚲ Mumbai, Maharashtra, India
☎ **7208 444 692**
✉ d_gurbux@yahoo.com /
gurubuxgill07@gmail.com

🔖 **Linked-In**
🔖 **GitHub**
🔖 **Stackoverflow**

Skills

Python	★ ★ ★ ★ ★
Java	★ ★ ★ ★ ★
SQL	★ ★ ★ ★ ☆
Liferay DXP	★ ★ ★ ★ ☆
Machine Learning & Deep Learning libraries (Tensorflow /Keras)	★ ★ ★ ☆ ☆
Data Analysis	★ ★ ★ ☆ ☆
Data Visualization	★ ★ ★ ☆ ☆

Tools/IDE/Libraries

Jupyter Notebook, GoogleColab

Spyder, PyCharm

GitSvn, GitHub Desktop

Bokeh, Plotly

Numpy, Pandas, sklearn, matplotlib,

BeautifulSoup, Scrappy, NLTK, Spacy, OpenCV

Certifications

MTA: Introduction to Python Programming
Microsoft - Jan 2019

Data Scientist with Python
DataCamp - Mar 2019

Deep Learning Specialization
deeplearning.ai_ - Aug 2019

IBM Data Science Professional Certificate
Coursera - Aug 2019

Professional Summary

Multi-faceted Senior Software Developer with 3 years of experience in Java, JavaScript, SQL and Liferay. **Microsoft Certified in Python** with relevant knowledge in Machine-learning, Deep-learning, Data pre-processing, Analysis and Visualization tools and frameworks. Motivated in applying cutting edge tools in current data overloaded digital world to facilitate business insights, research and build models and make a worthwhile impact in the society.

🎓 Education

B.E in Computer Engineering	Diploma in Computer Engineering
St. Francis Institute of Technology	Sardar Vallabhbhai Patel Polytechnic
June 2015	June 2012
Mumbai University	M.S.B.T.E

💼 Work Experience

Senior Software Developer   Jul. 2018 – Jan. 2019
LA Technologies pvt ltd

- Deployed at a Client site:**Adani Power**(prev Reliance Power) to assist in developing new Web portal for Mumbai Customers developing from portlets, hooks, web-services, payment gateway, web APIs and more.

- Was an integral part of the website migration from Reliance Power to Adani-Electricity.

- Discussed project progress with customers, collected feedback on different development and deployment stages and directly addressed concerns through ticket resolving, thus being the integral part of the complete lifecycle.

- Monitored and responded to problems by diagnosing and correcting logic and coding errors.
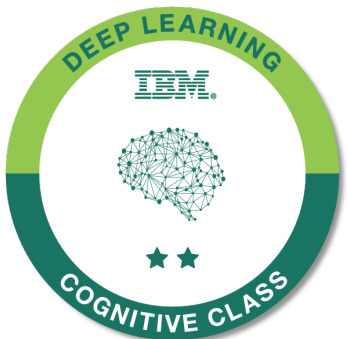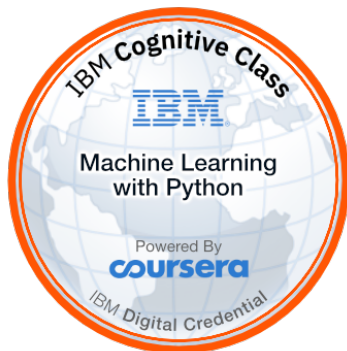
Consultant   Feb 2015 – Jun. 2018
Mindcraft Software pvt ltd.

- Developing portlets on the Liferay Framework for the in-house portal **LoopIn,** external portal and handling the changes by end users, adding functionalities in the Out of the box Liferay Framework excelling programming and analysis skills.

- Collaborated with designers, developers and performance testers to enhance features and identify performance bottlenecks couple of in-house products **Sales-Tracker** and **HR-Employment-Tracker** used by Sales team and HR team respectively, enhancing team work and professional communication skills

- Mentoring to interns and new employees, which boosted efficiency throughout department, developing my team leadership skills

🏆 Accomplishments

Earned 50+ **badges and course completion certificates** from IBM, Coursera, Microsoft, Udemy, DataCamp, LinedIn Learn and Cognitive Class, during my 8 months of learning through MOOCs(massive open online courses) in Data analysis with python, Machine learning, Deep learning, using Jupyter Notebook with frameworks (Tensorflow/Keras) and documented all on my GitHub Repository that can help me speed up project implementation for years to come.

⬚ Data Science Projects

Prospective business opportunities in Mumbai – Aug 2019 Link
Description: Find possible restaurant business location in Mumbai, based on their average rating, likes and tips, and cluster similar venues.
Skills: Foursquare API, Folium library, K-means clustering, Statistical analysis.

Machine Learning Projects – Jan 2019 to Present Link
Description : Include all projects largely based on machine learning concepts Classification, Regression, Clustering, Dimensionality Reduction, Scrapping Recommendation Systems, Time Series and their sub types.
Data Sets: IRIS, China GDP, Auto MPG, Breast Cancer, Loan Prediction,Boston, Movie dataset
Skills: Use of python libraries : numpy, pandas, scipy, sklearn, matplotlib, pyplot, bokeh, seaborn, BeautifulSoup, Scrapy.

Deep Neural Network Projects – May 2019 to Present Link
Description : Include all projects largely based on the Deep Neural Network models such as ConvNet(CNN), Recurrent NN, Deep belief network, LSTM, RBM, YOLO using optimization algorithms and hyper-parameter tuning on various data sets and applications including Hand gesture recognition, Facial sentiment recognition, Object detection, Natural language processing(NLP), Sentiment Analysis, Text generation, Neural Style Transfer, Audio recognition, Trigger word detection and more.
Data Sets : MNIST, Hand SIGNS, 10000 human readable dates, Speech dataset, U.S Census Income, Penn Treebank, Movies Dataset, Twitter Classification Dataset Graduate Admission, Emojis-dataset, Shakespeare Poems List, Iris, Auto MPG and more.
Skills: Forward propagation and backward propagation from scratch as well as using Keras and TensorFlow for all neural network models.

NLP Projects - Link

Description : Twitter Sentiment analysis, translatin human readable dates to machine readables, Suggesting Emoji for a sentence, Word analogy, Text generation using RNN, predicting probable next word and more
Data Sets : Penn Treebank, Shakespeare Poems, 50-dimensional GloVe vectors, Emojiset, 10000 human readable dates, Twitter Classification dataset and more
Skills: tweepy, nltk, GloVe, Bag-Of-Words, word2Vec, Tf-Idf, doc2Vec, n-gram.