Gaurav Bothra

Blockchain Developer,
Tech Enthusiasm

- July 12, 1998
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Languages & Tech.

C Programming	● ● ● ● ● ○
Python	● ● ● ● ● ○
Shell Scripting	● ● ● ● ● ○
NodeJS	● ● ● ● ○ ○
Mobile Development	● ● ● ● ○ ○
Blockchain	● ● ● ● ○ ○
CI-CD	● ● ● ○ ○ ○

About Me ────────

I'm Gaurav Bothra , I completed my B.TECH from Ganpat University Ahmedabad. I love to explorer new emerging technologies. I love to play chess & cricket.

Working Experience

currently	**Backend Engineer**	IviewLabs
	Backend Engineer, of 'The Iviewlabs'- A product development company.	

Dec'2018 - April'2019	**Intern Data Scientist**	Reliance Industries
	Reasearching Digitizing Clinical Trail Document & Leading the team on Blockchain implementation to find counterfeit medicine	

Feb'2017 - June'2017	**Intern Software Developer**	Cyber Green Defense
	Developed multiple Proofs-of-Concepts built on top of dot NET.	

Education

Bachelor of Technology

2015 – 2019	**CSE Specialization in Mobile Application**	Ganpat University - Ahmedabad
	In-Depth studies core computer science subjects, along with CS subjects our college offers Specialization Courses(IBM) on Emerging Tech.	

Schooling

2014 – 2015	**Higher Sec. School**	T.T Public School, Barmer - Rajasthan
	Pursue 12 from T.T Public School Barmer.	
2012 – 2013	**Secondary School Certificate**	The Modern School, Barmer - Rajasthan
	Pursue 10 from The Modern School Barmer.	

Awards & Certifications

15 June 2019	IBM Blockchain Essentials	www.youracclaim.com
15 June 2019	Big Data Foundations - Level 1	www.youracclaim.com
15 June 2019	IBM Blockchain Foundation Developer	www.youracclaim.com
15 June 2019	Machine Learning with Python - Level 1	www.youracclaim.com

Extra-Curricular Activities

Hackathon	Got 2nd Rank in Hackathon organize by Nirma College
IIT Bombay Workshop)	Attended Workshop on Python and Computation Power of Python. - Mr. Prabhu Ramachandran
Ethical Hacking Workshop)	Attended Workshop on CyberSecurity & Ethical Hacking. - Rahul Tyagi

Projects

@IviewLabs	**Aspect Based Sentiment Analysis**	Python - TensorFlow, Spacy, NLTK, LSTM

Identifies aspects mentioned in text and then analyzes the sentiment towards each of the aspects mentioned. Great for analyzing reviews. Customer reviews and ratings on hotels on web are an important information for hotel business growing and travel planning. Therefore, knowing about these reviews is important for quality management to the hotel. Currently, we collects such comments from the web and create classifier for classify user comments and then from dashboard hotel management team can view brief analysis (i.e Sentiment Graph, Services Based Analysis, Demography Analysis, where hotel stands as compare to other hotels in same demography, what to improve, e.t.c) based on customer reviews and rating.

Project Demo Link | http://144.76.184.38:10001/absa

@IviewLabs	**SportsMonkey**	Python - Django, Django Rest Framework

Client Backend Project - Created Django Rest Api's for interacting with Mobile Application. This Project is Sports related and venue Booking for gaming.

@IviewLabs	**Quest System**	NodeJS, Sequalize, Python, Spacy

Client Backend Project - Created Node Express App for Online Quest System and create analysis core of quest using spacy (i.e Grammer checking, Spelling Checking ...).

@Reliance Industries	**Drug Supply Chain**	Blockchain - Hyperledger Fabric, NodeJS, Azure Multi-VMs

Reliance Life Science Manufacture and Sells Drugs, prevention a counterfeit drug is important for them. We create a Blockchain application for them, Blockchain technology provides the pharmaceutical supply chain a better way to add compliances and governance within the supply chain. Additionally, smart contracts can be programmed that automatically execute when compliance conditions are not met, there alerting the relevant parties in the supply chain. Blockchain protocols in clinical trials can provides transparency and traceability of consent because blockchain application is decentralized, immutable ledger.

@Reliance Industries	**Digitize Clinical Trail Document**	Computer vision - Python, OpenCV, SVM, Tesseract

Reliance Life Science conducts multiple clinical trails which are documented in a particular format which consist of both text as well as handwritten. Due to the physical nature of the document it is very difficult for analysis. The clinical trial document contains crucial information of patients with proper analysis it can help doctors to take important decisions. We created a web application for Reliance Life Science, using that they can upload their clinical trial document and they can perform proper analysis of patients. We get around 70% accuracy for Handwritten text (Model is created by us). RLS can easily search a keyword from different documents.

@College Project	**Stock Trend Prediction Using LSTM**	Python - Keras, BI-LSTM

The art of forecasting stock prices has been a difficult task for many of the researchers and analysts. In fact, investors are highly interested in the research area of stock price prediction. For a good and successful investment, many investors are keen on knowing the future situation of the stock market. Good and effective prediction systems for stock market help traders, investors, and analyst by providing supportive information like the future direction of the stock market. In this work, we present a recurrent neural network (RNN) and Long Short-Term Memory (LSTM) approach to predict stock market indices.

Project Demo Link | https://github.com/gaurav-bothra/LSTM_Stock_Trend_Prediction

@College Project	**Karconnect - Smart Car**	NodeJS - Node-red, Nodejs, Firebase, Raspberry Pi, OBD Device

KarConnect uses a hardware called OBD-II (On board Diagnostic) Chip, that helps in fetching the car data in order to provide you endless solutions which can be used to tracking, streamlining and controlling the operations along with vehicle maintenance.

Project Demo Link | https://github.com/gaurav-bothra/Smart-Car-Konnect