



Gaurav Bothra

Full Stack Developer,
Tech Enthusiastic

- 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 explore 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
Created PoC on Digitizing Clinical trial Document & created production ready network (5 org's i.e from vendor to end customers) Blockchain project to find counterfeit medicine in supply chain.
- 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

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 collect 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](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 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 trace-ability of consent because blockchain application is decentralized, immutable ledger.
@Reliance Industries	Digitize Clinical Trial Document Computer vision - Python, OpenCV, SVM, Tesseract Life Science conducts multiple clinical trial 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 Life Science, using that they can upload their clinical trial document and they can perform proper analysis of patients.
@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