

Bengaluru,Karnataka  
India-560006

## PRABHAT KUMAR SINGH

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### EXPERIENCE

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**Android and Machine Learning Intern      JetGlobo Technologies Pvt Ltd      July 18 - October 18**

- Developed an Android App from scratch for fetching news items from server and displaying it using RecyclerView and Volley.
- Wrote Php code to fetch items and encoded it to JSON format
- Implemented machine learning algorithms as guided

**Android Intern      Mr Hot Foods      August 17 - September 17**

- Removed bugs from existing app and changed the user Interface for the whole app
- Added profile activity for each registered restaurant and uploaded it on playstore.

### EDUCATION

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**BENGALURU      Sir M.Visvesvaraya Institute of Technology      August 15 - Present**

- B.E. in Computer Science and Engineering, **July 2019**. CGPA: 7.62
- Electives : Artificial Intelligence; Data mining & Data Warehousing; Digital Image Processing; BigData Analytics
- Undergraduate Coursework: Operating Systems; Databases; Algorithms; Programming Languages; Computer Architecture; Calculus III.

### TECHNICAL EXPERIENCE

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#### PROJECTS

- **Speed Trash:** It is an android project which measures your vehicle speed and alerts you if you try to cross the speed limit by a beep sound. It then gives you 10 secs to reduce your speed otherwise it sends the message to a registered number. Technologies used: Android, GPS.
- **Cats and Dog Classifier:** A machine learning based project which can be used to predict whether the given image is of a dog or a cat using CNN and to improve accuracy I have trained it on different orientation using pre-defined function from Keras. Pickle is used to store and retrieve the model. Technologies used: Spyder Python, CNN, Keras, Pickle.
- **Chatbot:** It is an interactive project where user can ask anything and the chatbot will reply to it. The chatbot is made using chatterbot api. I have used corpus movie dataset for the training purpose. To filter the dialogues from the dataset, I have written a simple python program which uses strip function. I am using tkinter for the front end. Technologies used: Spyder python, Numpy, Pandas, tkinter.
- **Web scrapper:** Beautiful soup is used for retrieving news content and Flask is used to deploy it on a given link. Technologies used: Flask, Python, Beautiful soup.

### ADDITIONAL EXPERIENCE

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- Poster Presentation on **Cross audio-visual recognition LIP READING** at National Seminar on Innovations in Science and Engineering by National Academy of Sciences, India(NASI), March 2019.
- Won 2nd price in Alliance University Hackathon, Bangalore.
- Awarded 3rd price in Idiotware Hackathon, Bangalore.
- Won 2nd price for coding in Sir MVIT college fest Kalanjali in 2016.

### SKILLS

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**Languages:** Java, Python, HTML, C, C++, PHP, JavaScript    **Platform:** Android, Unity    **Frameworks:** Flask, Bootstrap    **Database:** MySQL, SQLite    **Libraries:** Numpy, Pandas ,CV2 ,sklearn