Sachin Prabhu B
Machine Learning Engineer

IT professional with hands-on experience in Machine Learning, Computer Vision, Natural Language processing along with specialization in Big Data and IoT.

sachin.prabhu.b@gmail.com ✉
+91 8431591459 📱
linkedin.com/in/sachinprabhub in
github.com/sachinprabhu007 ⬤

WORK EXPERIENCE

Machine Learning Engineer
Openstream Technologies

01/2018 – 09/2018   *Bengaluru*

Projects
- Worked on Text Summarization & Keyphrase Extraction
- Worked with Ticker Symbol Data
- Generated poems with Markov chains
- Generated Word cloud for most used words in a poem

Contact: Ajai Devanathan – +91 8971588668

Intern
Calligo Technologies

01/2017 – 05/2017   *Bengaluru*

Projects
- Worked on SIMD vectorization with Intel Xeon Phi
- Worked on Parallel Programming and Optimization with Intel Architectures.
- Calculated Performance Gain for given program

ACADEMIC PROJECTS

Recognition of Indian License Plate Number from Live Stream Videos (01/2017 – 05/2017)
- Aim of this project is to recognize license plate of vehicle given an image or frame from video
- Trained & Tested a CNN model for Indian License Plate images
- Compared accuracy for OpenALPR, k-NN and Convolutional Neural Networks (CNN) based techniques, adapted them for local conditions, compared their accuracy on both still images and live stream videos.

Smart Street Lights (01/2016 – 05/2016)
- Project aimed at conserving the electricity consumed by street lights.
- Control of Intensity of street lights and thus saving energy
- Differentiate between human/ vehicle/ dog

EDUCATION

M.Tech
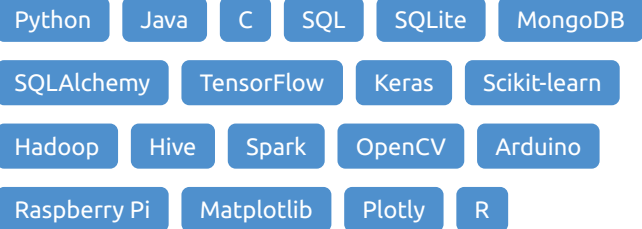### PES University

09/2015 – 05/2017   *GPA : 8.02*

B.E
Jawaharlal Nehru National College of Engineering

09/2010 – 05/2014   *Percentage: 67*

TECHNICAL SKILLS

Python Java C SQL SQLite MongoDB
SQLAlchemy TensorFlow Keras Scikit-learn
Hadoop Hive Spark OpenCV Arduino
Raspberry Pi Matplotlib Plotly R

ACHIEVEMENTS

Certified for poster presentation at 6th International Conference on Advances in Computing Communications and Informatics (ICACCI) co-sponsored by IEEE ⬀

Published a paper on Recognition of Indian License Plate Number from Live Stream Videos included in IEEE Xplore ⬀

Presented a proof of concept at IEEE International Conference on Cloud Computing for Emerging Markets (CCEM) ⬀

Participated in IBM KONE Hackathon by HackerEarth ⬀

CERTIFICATIONS

Coursera - Deep Learning Specialization - Neural Networks and Deep Learning by Andrew N.G (01/2019)

Machine Learning & AI Foundations: Recommendations (10/2017 – 09)

AMCAT Certified Proficiency in English (11/2014 – 09)

PUBLICATION

Recognition of Indian License Plate Number from Live Stream Videos included in IEEE Xplore ⬀

PROGRAMMING SKILLS

Python   ● ● ● ● ○
Java   ● ● ● ● ○
NLTK   ● ● ● ○ ○
TensorFlow ● ● ● ● ○
OpenCV   ● ● ● ● ○

INTERESTS

Spoken Word Poetry Drawing Blogging
Photography