

#Annaiah Reddy Layout, ITPL  
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## SHANKAR KR. JHA

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[Shankarj67.github.io](https://github.com/Shankarj67)

### EXPERIENCE

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#### External Internship

#### Inkers

March 2018

- Implemented Convolutional neural network from scratch by working on MNIST Datasets
- Worked on various SOTA models such as DenseNet, ResNet, YoloV2 for image recognition and detection by working on CIFAR-10 and other popular datasets.
- Creating ANPR (Automatic number plate recognition) on Indian number plate by using various SOTA model as a final project.

All the code and blog will be hosted here: <https://github.com/shankarj67/Mlblr>

#### Senior Python Developer

#### Skillspeed

July 2017 – Sep 2018

- Creating a fully-fledged LMS from scratch using [Moodle](#)
- Auto evaluate the Unified Functional Testing code using XMLElementTree, Django chart.js and Celery with Redis as a Broker.
- Working on Docker and CI to deploy many labs on Skillspeed cloud lab for our clients.
- Created Cloud Assessment Platform to select and send the project details to SME's and Registered participants using Django.
- Coordinating on Several Projects in Apache Spark, DevOps and other Big Data Technology
- Writing complex python code by leveraging the power of OOPS as well as Unit testing.
- Deploying our cloud lab on AWS using Microservices Architecture.

#### Facilitator

#### Google MLCC Study Jams

July 2018

- Selected to become a Facilitator for Google Machine learning crash course in Bangalore

#### Summer Trainee

#### Microsoft Technology Associate

May – June, 2015

- 40 hrs. of training in Networking Fundamentals
- Learned about Fundamentals of Networking and experienced how World Wide Web works
- Good understanding of OSI Model, TCP/IP protocol suite
- Learned How to configure Router and Switch for any Enterprises
- Executed a VLAN Design and Implementation Using Cisco Packet Tracer

### EDUCATION

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#### B.Tech in Computer Science & Technology

Asansol Engineering College, Asansol

2013 - 2017

CGPA of 7.72

## TECHNICAL PROJECTS

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1. Web app for Image classifier which is trained on external datasets using Flask and Docker  
<https://github.com/shankarj67/keras-flask-webapp>
2. Collaborating with Microsoft and Creating Python-SDK for Microsoft Chat-bot Framework <https://github.com/shankarj67/NestorBot>
3. Created a Chatbot using Python- GRPC AND Protobuf at Hackathon  
<https://github.com/shankarj67/GRPC-Hackathon>
4. Working on ANPR (Automatic number plate recognition) by using deep learning and computer vision.
5. Created a Chat for my startup <https://ready2studynow.github.io/> which can help us to chat with my teammates  
<https://github.com/shankarj67/Ready2Study-Chatroom>

## LANGUAGE AND TECHNOLOGIES

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- **Programming Languages** Python, C, Java
- **Networking tools** Wireshark , Cisco packet Tracer
- **OS / Framework** Linux, Django, Xampp, Flask, Microservices
- **Big Data Technologies** Hadoop, Spark, Hive, Kafka
- **Data Science tools** Numpy, Matplotlib, Pandas, Scikit-learn, Ipython, Beautiful Soup
- **Deep learning** CNN, Keras, Tensorflow
- **DevOPS** Vagrant, Git, Docker, Jenkins, Ansible
- **AWS** Boto, Sagemaker
- **Web Development** HTML, CSS, JavaScript, Bootstrap
- **Database** SqlLite, PostgreSQL, Redis, MySQL
- **Software tools** RabbitMQ, Celery

## CONTACT AND CERTIFICATES

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- LinkedIn:** <https://www.linkedin.com/in/shankarj67>  
**Quora:** <https://www.quora.com/profile/Shankar-Jha-20>  
**Letter:** <https://drive.google.com/open?id=0B-sLVmkO6pQLV0xtb0RReGJKSIU>  
**Blog:** <https://medium.com/@shankarj67> ,  
<https://www.cdn.geeksforgeeks.org/what-makes-python-cool/>

## Open Source and Volunteer work

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- Technical writer at hackernoon.com and Geeks for Geeks which are one of the largest blogging platforms.
- Created an R assessment for [code runner](#) using Python subprocess for [Moodle](#) LMS
- Here is the link to my article which has also got featured on [Pythonbytes.fm](#)  
<https://hackernoon.com/what-makes-the-python-cool-426e4c576685>

**Link for all of my projects and open source contribution -** <https://github.com/shankarj67/>