

# **JAGADEESH GAJULA**

Cell: +91 9618752862: [jagadeeshgajula.com](http://jagadeeshgajula.com)

## **Career Focus**

Having acquired profound versatility in Python programming and various Machine Learning tools, I am always up for expanding my innovative ability to bring out practically applicable solutions in a constructive and creative manner for societal benefit.

Summary	of	Skills
1. Expertise in Python Programming.		software program and create applicable solutions.
2. Application of Machine Learning tools for any scenario.	6.	Research experience in integrating Blockchain technology and Machine Learning.
3. Proficiency in Predictive modelling, Deep Learning, Data Cleaning, Data Visualization, Exploratory Data Analysis, Model Deployment, Inference pipelines.	7.	Excellent Oral and Written Communication.
4. Versatility in inferential statistics.	8.	Highly focused and goal-centric.
5. Ability, confidence and determination to learn any	9.	Networking.
	10.	Quick Adaptation to any given environment

## **Additional Technical Skills**

- ✓ Proficiency with Databases, Git versioning, Linux Administration.
- ✓ Working knowledge with frameworks like Django and Web3.
- ✓ Competency in thread Programming, Adobe Photoshop, Adobe Indesign, Adobe Lightroom, etc.
- ✓ Practical experience in creating a private blockchain, connecting nodes locally & on the cloud, working with ganache, writing smart contracts in solidity.

## **Technical Qualifications**

- ✓ Structuring machine learning Projects, Coursera Certification, March 2019

- ✓ Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization, Coursera Certification, April 2019
- ✓ Neural Networks and Deep Learning, Coursera Certification, May 2019
- ✓ Machine learning by Andrew ng, Coursera Certification, Oct 2018
- ✓ Professional Diploma in Photography, Shaw Academy, Oct 2018
- ✓ Data Visualization with Python, Coursera Certification, Aug 2018
- ✓ Machine Learning, Udemy, Aug 2018
- ✓ Data Analysis with Python, Coursera Certification, Jul 2018
- ✓ Python for Data Science, Coursera Certification, Jul 2018
- ✓ MongoDB Basics, MongoDB University, Jul 2018

## Work Experience

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<u>Company Name</u>	<u>Designation</u>	<u>Time Period</u>
<b>SURE Trust</b> (suretrustforruralityouth.com)	<b>Member of think tank team</b>	<b>Feb 2020 till date</b>
<ul style="list-style-type: none"> <li>✓ Training engineering and other unemployed graduates in Python programming and Machine Learning – Basic and Advanced courses.</li> <li>✓ Part of the team in conducting workshops in emerging technologies in various educational institutions to motivate students to upgrade their skills.</li> <li>✓ SURE Trust website development, maintenance, and revamping.</li> <li>✓ Part-time assistance in conducting graduation ceremonies and student enrolment management.</li> </ul>		
<b>Grey Scientific Labs</b> (greyscientificlabs.com)	<b>Technical Manager – AI</b>	<b>March 2019 till date</b>

- ✓ Managing AI related application development and maintenance.
- ✓ Working on Digital Pathology related software and deploying them.

**IIT Hyderabad                      Junior Research Fellow                      April 2021 till date**

- ✓ Working on automated vein cannulation for paediatric applications
- ✓ Vein Detection and vein depth estimation with deep learning

**Mini                                      Projects                                      completed**

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- ✓ Integration of machine learning models into blockchain for automated loan lending process  
<http://blockloanai.herokuapp.com/>
- ✓ Foodie Chatbot using RASA Framework and Zomato API for finding the best local restaurant, April 2020.  
<https://github.com/jagadeesh-gajula/Foodie-Chatbot>
- ✓ Telecom churn prediction for customer retention, Feb 2020  
<https://github.com/jagadeesh-gajula/Telecom-Churn-Prediction>
- ✓ Bone X-ray Abnormality Detection with Transfer Learning (Inception v3) on MURA dataset, Feb 2020.  
<https://github.com/jagadeesh-gajula/MURA-dataset-classification>
- ✓ NSFW URL classification using Deep learning, Aug 2019  
<https://github.com/jagadeesh-gajula/NSFW-URL-classification-based-on-UI>
- ✓ Lending Club Exploratory Data Analysis and Defaulter Detection with Deep Learning, Oct 2019.  
<https://github.com/jagadeesh-gajula/Lending-club-case-study>
- ✓ Sparkfund Investment Analysis, finding best sectors and countries to invest in. Oct 2019  
[https://github.com/jagadeesh-gajula/Sparkfund\\_investment\\_analysis](https://github.com/jagadeesh-gajula/Sparkfund_investment_analysis)
- ✓ Car Price prediction with Linear Regression, Dec 2019

## Education

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Master of Science in Machine Learning and Artificial Intelligence – 2021  
Liverpool John Moores University, Liverpool, UK.

Post Graduate Diploma in Machine Learning and Artificial Intelligence – 2020  
International Institute of Information Technology, Bangalore, India.

Bachelor of Computer Applications - 2019  
Lovely Professional University, Punjab, India.

Higher Secondary Certificate (MBiPC) – 2015  
Jawahar Navodaya Vidyalaya, Lepakshi, India.

## Personal

## Profile

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Date of Birth	:	26-08-1997
Languages Known	:	English, Telugu and Hindi.
Email	:	gajulajagadeesh7@gmail.com

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