

RAVI JONNALAGADDA



CONTACT

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PERSONAL DETAILS

Date of Birth : 20/07/1985

Marital Status : Married

Nationality : Indian

SKILLS

Machine learning, Artificial
intelligence, Deep Learning,
Python Pandas, Numpy, SciKit-
Learn, Matplotlib, Seaborn, ,
SciPy, Keras, LSTM, CNN, NLP,
TENSORFLOW, PyTorch
Regression, Clustering, CNN,
Classification, Decision Tree.,
Recommendations, Naïve Bayes,
C, C++, SQL

GEOPHYSICAL SOFTWARES
GEOSoft, RAMAG, RES2DVIN,
MESA, SPW, SURFER, PROMAX
ArcGIS, QGIS

Teaching experience (2014-
2021) Teaching GRAVITY,
MAGNETIC AND ELECTRO
MAGNETIC METHODS FOR M.Sc
GEOPHYSICS students.

OBJECTIVE

Looking for a Data scientist position, ambitious and self-motivated
individual with certification in ML, AI, Deep learning

ACHIEVEMENTS & AWARDS

Completed Machine Learning Pipelines with Azure ML Studio in
COURSERA SEP 2022 COURSERA certificates.

Completed Transfer Learning for NLP with TensorFlow Hub! Sep
2022 Coursera certificates.

IBM DATA PROFESSIONAL CERTIFICATE IN COURSERA certificates
in 2020

IBM Advance machine learning IN COURSERA certificates in 2020
ARTIFICIAL INTELLIGENCE COURSERA CERTIFICATES.

Deep learning with TENSORFLOW in Cognitive class SEP 2020

Deep learning fundamentals by cognitive class in 2020

Advance writing in Coursera in 2020 COURSERA certificates.

Completed Advance machine learning and signal processing
NOV2020 in COURSERA certificates.

Machine learning with python NOV 2020 IN COURSERA certificates

Data visualization with python AUG 2020 IN Coursera certificates

IBM Database AND SQL for data science Aug 2020 In Coursera
certificates

Python for data science and AI in COURSERA CERTIFICATES IN Aug
2020

EDUCATION

2017-
2022 **Osmania University, Hyderabad**
Ph.D pursuing

2008 **Osmania University, Hyderabad**
M.Sc Geophysics
1st class

2006 **Kakatiya University**
B.SC Maths, Physics, Computer Science
1st class

PROJECTS

WEATHER PREDICTION USING Time series Data LSTM

LSTM

KERAS

Logistic regression

Fake news detection using language processing Deep learning model

Natural Language processing

Health Data analysis

Logistic regression

Naïve Bayes

Decision trees

3D seismic data acquisition project in Digboi area, ASSAM

Seismic data acquisition, processing, analysis.

Crustal evaluation and resources potential management in North eastern Dharwar Craton, Telangana state, INDIA

Collection of magnetic, electromagnetic, electrical data processing and interpretation. Remote sensing Data analysis.

Under UPE-CART-ES, Osmania University sponsored by UGC

EXPERIENCE

<i>01/09/2019</i>	DIGIKS INFOTECH PVT LTD
-	Data Scientist
<i>30/08/2022</i>	Preparing Data science course material
	Python
	Machine learning models
	Deep learning models
	NLP, Keras, ANN, CNN, RNN
<i>30/12/2015</i>	Osmania University
-	Senior Research Fellow
<i>30/07/2019</i>	Working on PhD entitled " Application of Geophysical methods for location of lamproite pipes".
	Research data analysis and interpretation. Taught MAGNETIC, GRAVITY, Electrical, Eletromagnetic, Seismic methods
<i>05/07/2013</i>	Osmania University
-	Project fellow
<i>30/12/2015</i>	Geophysical research data analysis.
	A project using Magnetic, VLF-EM, ELECTRICAL AND REMOTE SENSING METHODS- Crustal evaluation and resources potential management in North eastern Dharwar creation.
<i>16/06/2008</i>	Shivani oil and gas exploration services Ltd.
-	Geophysicist
<i>30/05/2013</i>	Data processing Geophysicist, field Geophysicist, for 2D and 3D Seismic data acquisition and visual interpretation analysis.

PUBLICATIONS

1. Ravi, Jonnalagadda, and Ram Raj Mathur. "Application of Magnetic and Remote Sensing Methods to Delineate the Ramadugu Lamproite in North-Eastern Dharwar Craton, India." Journal of Scientific Research 65.1 (2021).

2. Ravi, Jonnalagadda, Ram Raj Mathur, and A. Sridhar. "Remote sensing and VLF-EM techniques to delineate lamproites in Vattikode, Gundrapally and Marepally areas, Nalgonda district, Telangana state, India." *Journal of Applied Geochemistry* 21.3 (2019): 356-363.

3. Jonnalagadda, Ravi, and Ram Raj Mathur. "Application of 2D Resistivity Modelling to Delineate Lamproites in Parts of North-Eastern Dharwar Craton." (2022).