

Pavan Kumar Jonnakuti

Data Scientist

Contact Info

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Summary

Accomplished over 09 years of experience in Predictive Analytics, informatics, and Visualization of large data sets . While I had started my career in the BI/DW research, in the recent past lot of my work has been in the Big Data & Predictive modeling which resulted as publications in peer reviewed journals.

Experience

2013-2017 **MOES - INCOIS**
Data Scientist

- Developed the Marine Met Atlas tool for Indian Navy .
- Took charge of Big Data & conceptualization of Ocean Data Analytics projects.
- Created a new big data tool to visualize & quality control ocean parameters of sensor data.

2010-2013 **CSIR - NGRI**
Junior Research Fellow

- Designed & Implemented a predictive model for earthquake occurrences in Koyna-Warna region India.

Education

2013-2015 **BITS PILANI**
Masters in Software Systems

2009-2010 **CSIR - IICT , CDAC**
Advanced Course in Bioinformatics

2005-2009 **JNT UNIVERISTY**
Bachelor of Computer Science & Engineering

Training **SIMULA RESEARCH LAB, OSLO**

MAY 02-07,2017 Machine Learning (RegML'17 school).

Certification

JUL 24-SEP 24,2017

Certified Machine Learning developer . (NPTEL)

Skills

MATLAB	●●●●●
Tableau	●●●●●
R	●●●●●
Python	●●●●●
Hadoop	●●●●●
Map Reduce	●●●●●
SQL	●●●●●
Ecommerce	●●●●●

Personal Skills

Problem Solving	●●●●●
Learning Agility	●●●●●
Creativity	●●●●●
Team Leadership	●●●●●
Decision Making	●●●●●
Adaptability	●●●●●
Communication	●●●●●
Results Oriented	●●●●●

Publications

- Detection and correction of the degradation of sensors on Argo floats using Neural Networks.
- SST Gap Filling: A Case Study Based On Big Data.
- Co-Integration Models for Koyna and Warna Reservoirs, India.
- Complexity in hydro-seismicity of the Koyna-Warna region, India.
- The relation between seismicity and water level changes in the Koyna-Warna region, India.
- A Matlab based GUI Application in Hydro seismicity of the Koyna - Warna Region, India.