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FALCON ID # 41650

Geoscience / Geophysicist

Residential Country :	India	Nationality :	Nigeria
Resume Title :	Rohit_Cv	Notice Period :	1 Days

EDUCATION

Qualification	Institute / College /university	Year	Country
M.sc.	Indian Institute Of Technology Bombay (Iit B)	2014	India
B.sc	Hindu College, University Of Delhi	2012	India
Certificate	Stanford University	2015	United States

CAREER SUMMARY

Position	Employer	Country	From Month/Year	To Month/Year
Geophysicsit	Reputed Company	Nigeria	12/2013	/
Software Development	Schlumberger		05/2013	09/2013
Seismic Interpretation	Aapg Imperial Barrel Award		01/2013	03/2013

ADDITIONAL CERTIFICATE AND TECHNICAL QUALIFICATION

Name Of The Course	Course Date	Valid Upto	Name Of Organisation

Current Salary (Monthly In Usd):	Not Mention	Expected Salary (Monthly In Usd):	Not Mention

Additional Skills :

SUMMARY:
Geophysicist with more than one and a half years of working experience in Onshore Niger delta block. My job mostly
includes Seismic Interpretation on Petrel along with Pore Pressure Prediction on Interactive Petrophysics. Like to
undertake technically demanding task which requires innovative ideas, computational skills and calculations. Open to
opportunities worldwide in Upstream Oil and Gas sector.

SKILLS:
Software/Tools: Petrel, Interactive Petrophysics, Seisee, IHS Kingdom, PCTrans429, QGIS, Google Earth
Technical Skills: 3D seismic Interpretation, Pore Pressure Prediction
Programming Skills: Matlab, Ocean for Petrel, C#.Net, C++

EXPERIENCE:
Geophysicist, Reputed Company, Lagos, Nigeria
[July 2014-Present] * Job Specifications: * Polarity identification, well-correlation and integrated seismic-to-well tie
* Correlated the horizon tops identified in the wells to the specific reflections on the seismic section
* Generation of time surface, depth surface using checkshot data and stacking velocity for prospect
identification
* Attribute map generation to support the structural and the stratigraphic traps in term of facies development * Map based volumetric calculation of reservoir * Actively involved in well planning and lithology prognosis for exploratory location
* Pore Pressure Prediction using Seismic velocity for exploratory Well to reduce the risk
* Compilation of Geological Well proposal (GWP) for exploratory and appraisal wells
* Coordinate conversion using QGIS from UTM to WGS and vice versa
PROJECTS AND TRAINING:
Master Thesis on "Understanding Seismic Wavelet": Software Development: [December 2013-April 2014]
Guide: Dr. C. H. Mehta (Independent Seismic Consultant)
Objective: The objective of this thesis is to illustrate how a seismic waveform changes through different stages of
processing of the seismic data by using programming language
Programming platform: C#.Net, Seismic Unix and Matlab
* Program for generating a pre-stack synthetic data (with or without noise/with or without multiple) for a model of 'n'
flat layers
* Made a code to find out slowness of seismic wave using the Newton Raphson method
* Made a code to solve Zoeppritz equation using Gauss-elimination method
* Made a code to find out DFT, IDFT,FFT, autocorrelation and inverse of the matrix
* Made a code for minimum phase wavelet (Berlage Wavelet) with convolution
* Made a code to extract minimum phase wavelet from seismic trace
* Applied NMO (using software) on synthetic data assuming velocity field
* Extracted waveform before NMO, after NMO and after stack and compared the result
Ocean for Petrel Competition: [May 2013-September 2013]
Schlumberger Information Solutions, India

* Ranked among top 24 teams selected for final submission in Schlumberger Ocean Competition
* Developed a plug-in on "Well Log Segmentation" to extend Petrel software functionalities in petrophysical
analysis
* It aims at segmentation of well logs to predict lithologic boundaries, facies hierarchy, demarcate electro-facies
boundaries and estimation of most likely value for the demarcated zone.
* It can be used to estimate net sand thickness in a horizon, establish porosity zones and correlate permeability
extensions.
AAPG Imperial Barrel Award (IBA) Competition-2013: [January 2013-March 2013]
"Seismic Interpretation and Formation Evaluation of Cooper Basin, Australia"
Guide: Dr. Guruswamy Srikanth, Reliance Industries Limited
* One of two teams from India to participate in the Asia Pacific Region
* Seismic Interpretation:
* Identified and interpreted horizon showing boundaries of major plays in the Cooper basin.
* Regional well correlation to examine the extent of the reservoir sand development
* Mapped faults, bright spots and unconformities to delineate major zones of hydrocarbon accumulation
* Performed facies analysis using well log data
ONGC Vadodara: "Field Trainee in ONGC Gandhaar Asset": [May 2013] * Learned 3D/3C seismic data acquisition policies, field processing and navigation in the Gandhaar Oil field, India. * Hands-on experience in seismic data processing and visit to the computing facility
HONORS AND AWARDS: * Made three user friendly software (Checkshot correction, Volumetric Calculation and decimal to Degree, minute and
second) using C#.Net while working in Sterling Oil which was highly appreciated by the
Management. * Statement of Accomplishment in Reservoir Geomechanics, Standford University, 2015
* Secured All India Rank 8
th in IIT-JAM 2012
* Secured position among the top 10% of the centre candidates in National Graduate Physics Examination (NGPE)
2012, Delhi * Awarded Central Sector Scholarship (CSS) by Central Board of Secondary Education (CBSE) in 2009

Additional Information :

EXTRA-CURRICULAR ACTIVITIES:
Social Activities: * Volunteer in XIX COMMONWEALTH GAMES 2010 DELHI, India
* Volunteer in Airtel Delhi Half Marathon, Delhi, India in 2010
Sports/ Dramatics/Others: * Won Gold medal in Carrom General Championship at IIT Bombay in 2013
* Won silver medal in Carrom, PG Sports at IIT Bombay in 2013. * Secured Second position in Main DRAM GC (Institute Drama Competition) at IIT Bombay in 2012. * Awarded certificate of Appreciation for being a Freshman of the Year at Hostel 12, IIT Bombay for the year 2012- 13. * Won Intra Department Football and Carrom Competition at IIT Bombay in 2012.
EDUCATION AND QUALIFICATIONS:
B.Sc. (Honors) in Physics (70.52/100) [2009-2012]
Hindu College, University of Delhi - Delhi, India
M.Sc. Applied Geophysics (8.09/10) [2012-2014]
Indian Institute of Technology Bombay- Mumbai, India
POSITION OF RESPONSIBILITIES:

Vice-President, Society of Exploration Geophysicist (SEG) Student Chapter: [2013-2014] * Organized a SEG Honorary Lecture in February 2013 which was sponsored by Shell India and delivered by Mr.
D.P. Sinha, Vice President and Director at EESH Energy Enterprises and Technical Director (Processing) in
EnerGeo India Ltd. on "Earth velocity estimation–Bridge the gap of interdependency between geology and
geophysics"
Computer Secretary in Hostel 12: [2012-13] * Facilitated problem free Local Area Network to more than 800 hostel residents
* Coordinate with the Institute System Administrator to cater to the network-related needs of the Hostel
Group Coordinator in Energy and Technology Vision 2035 Programme: [2012-13] * Worked in a team of more than 75 national coordinators with Department of Science and Technology (DST), Government of India to get innovative ideas and to prepare a report on energy sufficiency of India by 2035