## Contact

8618064285 (Mobile)

www.linkedin.com/in/
vishwanathjha1 (LinkedIn)
vishwanathjha.blogspot.in/ (Blog)

## Top Skills

Data Mining
Analytics
SQL

## Languages

Hindi (Native or Bilingual)
Maithili (Native or Bilingual)
English (Native or Bilingual)

## Certifications

Foundations of Data Analysis
KlexploRx, Explore Statistics with R
Learning From Data (Introductory
Machine Learning course)
AMCAT Certified Business Analyst
PH525.1x Statistics and R for the
Life Sciences

# Vishwa Nath Jha

Founder, CEO at Saarthi.ai | Augmenting Contact Centres with
Multilingual Call Centre AI Agents
Bengaluru

## Summary

Vishwa Nath Jha is a serial entrepreneur, AI thought leader,
researcher, founder & CEO of Saarthi.ai - an omni channel
multilingual conversational AI enterprise platform. He's on a mission
to realise his dream of complete digital inclusion in India. His
primary research areas revolves around dialogue agents & speech
technologies in low resource languages. He's part of multiple
government & industry committees which are responsible for
designing policies and frameworks to spur the research ecosystem
pertaining to Indian languages.

Past Keynote Engagements:
1. World AI Show, Mauritius
2. NITI Ayog
3. Ministry of Electronics & Information Technology
4. FICCI - Indian Language Internet Alliance
5. NASSCOM
6. IEEE DeepTech.Ai - NLP technical Symposium
7. SBICAP Securities AI conference
8. Bhashantara 2019
9. PyData Pune Jan 2020
10. d(ai)logue - Affine Analytics Feb, 2020
11. Voice Tech India

Areas of Interest:
Natural Language Processing, Deep Learning, Speech Recognition,
Conversational AI, Goal Oriented Dialogue Systems, Reinforcement
Learning, Startups

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## Experience

## Saarthi.ai
Founder, CEO
June 2017 - Present (3 years 3 months)
Bengaluru Area, India

## Gamut Analytics
Founder, CEO
September 2016 - Present (4 years)
Bengaluru Area, India

## Simplilearn
Adjunct Faculty of Machine Learning & Deep Learning
February 2018 - November 2018 (10 months)
Bengaluru Area, India

During weekends I conduct hands-on virtual bootcamp on Machine Learning & Deep Learning with Python programming.

## GamutData Consulting
Founder, CEO
August 2015 - January 2017 (1 year 6 months)
Mumbai Area, India

As a Data Science Evangelist, I helped thousands of students, faculties & professionals to grow into Artificial Intelligence and Data Science practitioners via my bootcamps on Machine Learning, Natural Language Processing, Deep learning, Big Data, Python, R, Apache Spark, Tableau, etc.

I collaborated with multiple data driven organizations such as: Fractal Analytics, Synechron, Edelweiss, GlobalEdge, etc. as well as with EdTech startups such as: Upgrad, Zeolearn, Ufaber ,etc.

I also worked with students at IIM Ranchi, MISB Bocconi and professors at University of Houston, Texas, etc. to propagate Data Science & Artificial Intelligence.

## Germin8
Software Engineer - Algorithms
March 2015 - August 2015 (6 months)

Created an application to predict the sentiment of tweets, Facebook posts & comments. Applied appropriate pre-processing steps to clean the data and wrote scripts to extract 60+ features. Slang replacement and making

sense of hash tags were key challenges  which were taken care of. Fitted and tuned One – Vs - Rest SVM classifiers to classify the documents into positive, neutral and negative. Later fitted an ensemble chain of classifiers to improve the accuracy of the classifiers. Used R, Python & Java for successfully implementing the algorithms.

## IntelligenceNODE
Data Scientist
October 2014 - February 2015 (5 months)

Developed algorithms of a data product for E - commerce clients largely catering to problems like pricing & classification of products. It involved web crawling to extract details about millions of products listed on different websites, data cleaning, extracting 70+ features, building and tuning predictive model to predict the categories each product belonged to.
Set up the Big Data infrastructure to scale the operation as the size of data ran into hundreds of Terabytes
"Python" was used for crawling and "R" was used to clean data, extract features, building models & tuning.

## Fractal Analytics
Analyst
January 2014 - October 2014 (10 months)

Role : Team Member
Team Name : Business Pulse
Team Size : 5
Client : One of the world's largest CPG giant
Description :

In the beginning of each month, the team creates a shipment glide path using a Log Linear regression model customized for each region. This glidepath acts as the basis for a daily shipment plan which is leveraged by the execution teams. The 2 Key inputs to build an accurate glidepath are:
1. Historical shipment data
2. Knowledge of regional market dynamics

Additionally, based on actual daily shipment information this glide path model also provides the likely hood of achieving a monthly target and the potential gap in cases where company is over shipping or under shipping.

Role : Team Member
Team Name : Digital Solutions
Team Size : 10
Client : One of the world's largest CPG giant
Description :

Work closely with clients to create solutions to their e-commerce related business problems by :

1. Identifying and pitching new business opportunities for the client
2. Create high impact IP's for clients to measure and enhance their market presence
3. Exploring whitespaces and working to convert them into business engagements

## Mu Sigma
Trainee Decision Scientist
June 2013 - December 2013 (7 months)
Bangalore, India

Role : Team Lead
Team Name : International Demand Migration
Team Size : 4
Client : One of the world's largest search engine
Description :

Help them make better decisions by

1. Processing big data into condensed & consumable reports
2. Generating actionable business insights
3. Suggesting new techniques to enhance already existing ideology
4. Liaisoning between the client and the delivery team for all the adhoc requests and ongoing projects
5. Engaging with the client to understand business dynamics and identify questions that can be   addressed through analytics
6. Managing operational workflow and ensure seamless delivery for both quick turnaround analysis and long term projects
7. Identifying and harvesting new business opportunities at the client side by preparing business plans

## Education

**Dayananda Sagar College Of Engineering**
Bachelor's Degree, Information Science & Engineering · (2009 - 2013)

**Kendriya Vidyalaya Masjid Moth**
AISSCE, Science with Information Practices & Mathematics · (2006 - 2008)

**Holy Mission High School**
AISSE · (2002 - 2006)