## Contact

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www.navinmanaswi.com (Blog)
wwww.datascience2u.com (Personal)
www.youtube.com/watch (Other)

## Top Skills

Machine Learning

Big Data

Data Mining

## Languages

English

Hindi (Native or Bilingual)

## Certifications

Big Data Expert

Core Concepts in Data Analysis

Case Based Intro to Bio Statistics

R Programming

Data Analysis in Genome

## Honors-Awards

Authored a book on Higher Science

Reviewing a book on Data Mining with R

Best 3D Modeler and Animator

Authoring a book on Predictive Analytics with R

Top 10 Indian Data Scientist

## Publications

Deep Learning with Applications using Pythin

Deep Learning with Applications using Python

Leveraging Machine Learning to save millions

Generative Adversarial Networks with Adversarial Networks

# Navin Manaswi

Creating Disruptive Technologies is my passion
Bengaluru

## Summary

Building an immersive e-shopping experience with latest deep learning, 3D, Augmented & Virtual Reality. Building Retail AR Products
Working on Video Intelligence, Face Based Task, and AR&VR
Building a team of smart AI, AR and VR professionals.
Just launched World's 1st 3D Avatar and Virtual Try-on App.\   WoW Closet
Just Launched World's Store AR App  WoW Shopence
Just Launching Interior Designing AR App  WoW Decor
Just Launching Hotel AR

Solved B2B problems in HRTech, Healthcare, Retail and ITSM  in SymphonyAI Incubator   (www.symphonyai.com)  having 1 billion dollar committed fund.

Artificial Intelligence expert who loves to solve problems of Video intelligence, document intelligence, Chatbots and Blockchain.
Google Developers Expert in Machine Learning

Author of the best seller book : Deep Learning with Applications Using Python
Author of a book on GAN ( Advanced Deep Learning)
Guest Faculty at IIT Kharagpur for AI courses
Delivered successful Enterprise AI solutions.
Building a new vertical of AI powered hiring
Built AI solutions for giant Retail and ITSM
Executed Deep Learning and Distributed Deep Learning applications in
1. Oncology Stage Prediction
2. Retail Predictive Analytics and Optimization ( using 1.5 Billion transactions)
3. Semantic search and ranking using phrase embedding for HR tech

4. Telecommunications Analytics (Dynamic Clustering and Classification for automatic ticket generation)
5. ITSM chatbot that raises and solves ticket automatically
6. Speaker Identification and speech to text and elastic search for video intelligence
7. Semantic segmentation to automate the visual search

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Recognized as one of top 10 global thought leaders and influencers on Artificial Intelligence
Recognized as one of top 2 global thought leaders and influencers on Augmented & Virtual Reality
Recognized as one of top 10 data scientists of India
Published 4 articles on Data Science in different magazines

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## Experience

WoWExp Technologies
Founder and CEO
April 2019 - Present (1 year 5 months)
Bangalore

Building Products using Artificial Intelligence and Augmented Reality

Launched World's 1st 3D Avatar and Virtual Try-on App

WoW Avatar App: https://play.google.com/apps/testing/
com.wowexp.wowavatar/join?hl=en-GB

WoW Avatar Lite App: https://play.google.com/apps/testing/
com.wowexp.wowavatarlite

Creating a unique Immersive shopping cum entertainment platform to disrupt retail shopping world by using bleeding edge technologies such as deep learning, 3D, Augmented & Virtual Reality

Built 3D Football Match viewing experience using AI
http://infeed.in/first-time-ever-in-india-ai-based-app-launch-wow-avator-future-of-online-shopping-by-ayush-agrawal/

Stealth Mode
Founder of a startup | AI Specialist |  AI Evangelist |
May 2019 - Present (1 year 4 months)

Solving video intelligence problems

Building an immersive innovative retail product with unique features, perhaps never launched in world

Cracking problems and Building Solution/Product

## SymphonyAI
### Deep Learning- Senior AI Architect
November 2017 - April 2019 (1 year 6 months)

Building a new vertical - AI powered Hiring company from the scratch where I work on NoSQL( document database and graph database), Azure cosmosDB, MongoDB, Data Factory, taxonomy, semantic graph, information extraction tech and deep learning approaches.

Delivered Deep Learning based solutions and products for Healthcare, Retail and ITSM verticals where I used biLSTM, Word Embeddings, Azure and GCP platforms, pySpark, SparkML, SparkSQL, HDInsights, Containers, Dockers and multi-GPU in addition to business knowledge.

Used python and pySpark for all activities
Used Cloud(Azure and GCP) for data storage and data pipeline
Used NoSQL and taxonomy for multiple solutions.
Read and implemented latest deep learning papers for enhancing accuracy.
Reports to Chief AI officer and
Reported to CTO and VP at different point of time
Hired 5+ data scientists and team size went from 4 to 110+ in 1 Year.
First AI professional who is hired in India.

Author http://www.springer.com/in/book/9781484235157

## Deep Learning
### Authoring a book on Deep Learning
May 2017 - November 2017 (7 months)

Creating a lucid book on Tensorflow and Keras to enable developers and data scientists to develop deep learning applications such as object detector. It will teach basics of Tensorflow and Keras, basics of neural networks including Multi Layer Perceptron, Convolution Neural Networks and Recurrent Neural Networks(and LSTM). Any programmer/developer can use this book to start learning deep learning. Moreover, first chapter focuses on revision of numpy, pandas and scikit-Learn packages that will help you build machine learning models

I am also in process of creating Tensorflow learning sessions on YouTube.

## Mantra.ai
Chief Data Scientist
February 2017 - August 2017 (7 months)
Bengaluru Area, India

Co-founder and CXO responsible for delivering AI solutions. Currently developing (human like) chatbots, advanced video intelligence platforms, document intelligence and social media analytics platforms with the help of deep learning algorithms, NLP, Tensorflow, OpenCV, Python and R.
Hired and built 14 data science and python developers. I led the big team to develop solutions for multiple clients across verticals.

## TECOM Group Dubai
Senior Data Scientist
August 2016 - January 2017 (6 months)
d3-smart city, Dubai Emirate, United Arab Emirates

Data Science Professional working for Smart City-d3, Dubai

## CSC UKI
Senior Data Scientist
June 2015 - August 2016 (1 year 3 months)
Kuala Lumpur, Malaysia

Built automated ticket generation system for a Telecom company using dynamic clustering and real time classification

Built vendor taxonomy classification

Built dashboards using Tableau and data science solutions for managed services

Reported to VP, Strategy and Advisory and worked closely with CEO and sales team

## General Mills
Data Scientist
November 2014 - June 2015 (8 months)
Mumbai Area, India

Demand Forecasting, KPIs interdependency, wastage minimization perishable items, shelf management

Ayata
Data Scientist- Machine learning and Statistical
August 2014 - October 2014 (3 months)
Kolkata

By using different machine learning and data mining techniques and statistical tools like SPSS, SAS, Statistica and Scripting languages like R, Weka, Python, I do fraud detection, prediction modeling, forecasting and prescriptive analysis.

SPP Lab, IISER Kolkata
Senior Research Fellow(Bio statistician)
May 2014 - August 2014 (4 months)

1. Data Mining specially classification, clustering, associations, regression, anomaly detection
2. Statistical and Data analysis of expression levels in various transcriptomes
3. Creating a pipeline to identify microRNA
4. Database management of genomics
5. Next Generation Sequencing (Working on Small RNA identification and its target prediction)
6. Understanding the different kind of wet lab methods

Freelancing
Bioinformatics Analyst
June 2013 - April 2014 (11 months)

As an expert in R, Perl, BigData and Bioinformatics sequencing tools, I have done some works and projects in bioinformatics and bio statistics.I used various data mining techniques in many projects

Praxis Interactive Technologies
Consultant
December 2010 - May 2013 (2 years 6 months)

As an expert in Statistics, I have guided the team and reviewed the content at all levels. I thoroughly enjoyed my knowledge of descriptive and inferential statistics as well as a good level of applied mathematics.

Transmarket Group
Trading Analyst
June 2008 - March 2009 (10 months)

Did an interesting analysis through computational finance and Did trading Eurodollar derivatives in Chicago Mercantile Exchange.

Advait
Life Skills Trainer cum Public Speaker
December 2005 - February 2008 (2 years 3 months)

Did impart training to final year engineering students and management students in the area of Quant skills, basics of analytic and soft skills. Did Public speaking on various occasions in colleges on various topics related to Quant/ Soft skills.

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# Education

Indian Institute of Technology, Kanpur
5 year Integrated Master(Dual Degee)  · (1999 - 2004)

Indian Institute of Management, Ahmedabad
Advanced Data Analysis, Business Analytics and Intelligence · (2015 - 2015)