Satish KUMAR, Ph.D.

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Business Intelligence/ Data Analytics/ Life sciences

BASIC INFORMATIONS

2016-2017	**M.Sc. Executive Analyst Data Science and Big Data**
Nice - France	Data Science Tech Institute, Nice-Sophia Antipolis Campus
2007-2013	**Ph.D. Life Sciences (Genetics/Genomics/Molecular Biology)**
Bangalore - India	National Center for Biological Sciences/ University of Mysore
2004-2006	**M.Sc. Molecular and Human Genetics**
Varanasi - India	Banaras Hindu University
Language :	**Anglais :** Bilingue
	Hindi : Bilingue
	French : Beginer

EXPERIENCES PROFESSIONNELLES

Apr – Sep 2017	**AMADEUS SAS, Merchandising Data Analytics- Business Intelligence**
Nice, France	**(Travel Intelligence)**

Data Analyst/Data Scientist

Tasks and tasks performed : Configuring the visualization software, Big data mining and to look for trends and interesting insights.

- Configuration of the visualization tool Qliksense
- Attainment of all performance indicators as discussed with the line manager
- Insight generation and Market Analysis from PNR data (data extraction/data manipulation/data analytics/KPI generation)>200 offices
- Insight and KPI presentation to manager across different sectors and to the stakeholders
- Work with QA, RA and R&D to insure compliance with protocols & evaluations
- Develop and execute portfolio strategies for both product development and life cycle management, in support of the Category business objectives.

2006 - 2016	**Life Sciences/Biotechechnolgy/Research Organisation**
NIH, Bethesda, USA	**Project Manager/ Product Owner/ Research Scientist**
GSU, Atlanta, USA	**Tasks and tasks performed : Research and Development from**
NCBS, Bangalore, IN	**Conception to delivery**

- Developed and executed experimental strategies to attain the scientific objectives
- Identified several targets responsible for causing diseases phenotype were further used for screening of drugs that may be involved in treatment
- Insight and KPI generation and presentation of data at international meetings and to the stakeholders
- Wrting and publishing articles, Biomedical Research Project Management
- Measurable outcomes : 2-5% increase in margins fiscal years from funding agencies and up to 35% in efficiency gains along with capital-expense reduction of 15 % of total budget for fiscal year

FUNCTIONAL SKILLS

Career Coach, Relationship management, Self-motivated, Adaptive to change, Stress-resistant, Creative and Analytical thinking, Organisational research and analysis, Presentation, Negotiation, Report writing, Excellent Communication skills, Leadership, Management skills, Team Player, Problem Solving

CENTERS OF INTEREST

Nomadic Backpacker, Photography, Sports (Running, Football, Cricket), Poker, Science and Technology, Comics, Films/TV shows plus reviews and box office predictions

TECHNICAL SKILLS

IT : SAS Predictive Modeler, Qlik Sense, Machine learning & Analysis, R, Big Data technologies, SQL, Databases Knowledge, Microsoft office suit (Word, Excel, PowerPoint), Adobe Photoshop, Computer operating systems (Mac/Linux/Windows), Project Management Methods, Standards and Processes Tools, Agile Methods, CERTIFICATIONS (Expecte) AWS Solution Architect- Associate Certificate and SAS Certified Predictive Modeler (Using SAS Enterprise Miner)

Biology : Molecular Biology, Genetics & Genomics, Neurosciences, Microarray, RNA Seq (Single cell isolation and analysis), CRISPR/CAS9 Genome editing, RT-PCR, qPCR, Transformation and Cloning, Site specific recombination, Genotyping and DNA Sequencing, SDS-PAGE, Imaging & Confocal and fluorescence microscopy, Immunohistochemistry