### Profile Summary:

A hands-on Data Scientist with experience in **Statistical Data Modeling & Data Mining** across multiple verticals, horizontals and tools. Acquired fair quantitative skills to handle large sets of data – process, analyze and report. Overall experience of 7+ years and a focused experience of 4+ years in data analytics. Seeking opportunities in analytics focused teams or organizations.

### Core Skills:

#### Data Preparation, Analysis & Presentation: Descriptive Statistics, EDA, Visualisation techniques, Missing Data & Outlier treatment, Dimension Reduction techniques, Strong SQL capabilities, Stakeholder presentation and Management.

#### Statistical Analysis & Modelling: Advanced data modelling and data mining technique implementation ([**Regression**](http://stats4analytics.wordpress.com/), Clustering, Classification, Association Rules, Time Series Analysis & forecasting (MA & ARIMA), Feature engineering), knowledgeable on advanced ML techniques (SVM, Gradient Boost, Bag of Words etc.).

#### Big Data Landscape and Tools: Knowledge of Big Data technologies (HDFS, Hive, Spark), Experienced user of multiple statistical and visualisation tools (R, Python, Tableau, MS-Excel etc.), Well-versed with mathematical foundations (Linear Algebra, Probability, Calculus etc.).

### Complimentary Skills:

* **Business Consulting:** Onshore-Offshore, Portfolio Prioritization models.
* **Business Analyst:** Business Requirements, User Stories, Agile Methodology.
* **Team Management:** Mentoring, training, interviews.

### Education:

|  |  |  |  |
| --- | --- | --- | --- |
| **Year** | **Degree/Exam** | **School/University** | **Percentage** |
| 2016-17 | BIOCON Certificate Programme in Business Analytics (Batch-6) | Indian School of Business, Hyderabad | Silver Medallist |
| 2011 | B.Tech in Computer Science | ASET/Guru Gobind Singh Indraprastha University, Delhi | 74.7% |
| 2007 | Class XII: CBSE | St. Xavier’s Sr. Sec. School, Delhi | 88.2% |
| 2005 | Class X: CBSE | St. Joseph’s Academy, Delhi | 88.2% |

### Experience:

#### GE Digital, Bangalore – Senior Data Scientist, (Jan’17 – Present)

**Skills Used:** Regression, Clustering, Classification, Deep Learning, Reliability Growth, Anomaly Detection – AutoEncoders, IoT, Time Series data analysis – ARIMA

**Industries:** Across GE Verticals and Commercial business

**Software’s used:** R,Python, MS-Excel, Tableau, SQL

**About Team:** Core member for Predix Data Science (PDS) team. Predix is the world's first analytics cloud platform for Industrial Internet developed by General Electric. Our team focuses on building end to end machine learning and data science solutions for 3 broad areas –

✔GE for GE: Covering internal GE business units (Aviation, Healthcare, Oil & gas etc.)  
✔GE for Customers: Covering external customers associated with various internal businesses  
✔GE for World: Providing ready to use solutions for the IIoT fraternity through [www.Predix.io](http://www.Predix.io/)

**Key Responsibilities:**

* Design AI/Analytics & Decision Science strategy and roadmap for Predix
* Ideate, design, and prototype AI/ML micro-services on Industrial Internet use cases for Predix
* Develop end-to-end AI/ML apps, micro-services for industrial Internet on Predix
* Anchor and individually contribute to IoT Analytics projects for various GE business units
* Develop AI/ML solutions for GE external customers

#### Wipro Technologies, Bangalore – Senior Data Scientist, (Apr’16-Dec’16)

**Skills used:** Analytics, Statistical Analysis, Business Consulting, Sales & Marketing support, Data Reporting, Mentoring

**Horizontal Aligned to:** Wipro Holmes

**Software’s used:** R, Python, MS-Excel,SQL.

**About Team:** Wipro Technologies created a new division Wipro Holmes to introduce Machine and Cognitive Learning in IT services and sell Analytics-As-Service to all its clients in existing projects and pitch same for new clients

**Key Responsibilities:**

* Introduce HyperAutomation platform in major IT services across accounts
* Lead a team of 5 junior data scientists and software engineers
* Analyze the IT services tickets data using unsupervised learning algorithms to extract top call drivers and build clusters to group similar tickets and develop zero touch solution
* Develop cognitive BOTS using Machine learning algorithm to assist agent to solve the tickets
* Reduce the mundane work done by service desk agents by deploying BOTs in production to resolve the issue automatically and reduce FTE thus produce more revenue for the company

#### Fair Isaac Corporation, Bangalore – Analytic Consultant-I, (Jul’14 – Mar’16)

**Skills used:** Analytics, Statistical Analysis, Business Consulting, ETL, Reporting, SQL

**Domain:** Collections and Recovery, Credit Card Scorecard Modelling

**Key Responsibilities:**

* Worked as Analytical Consultant to build predictive models on customer credit data which contains more than 15 different parameters to solve various business problems
* Designing and building large and complex data sets
* Thinking strategically about uses of data and how data interacts with data design
* Designing and implementing statistical data quality procedures around new data sources
* Worked as Developer providing the solution for the requirements and estimation for each requirement
* Analyze customer data with analytic programming like R, SQL to do descriptive analytics and creating visualizations in Tableau to understand the customer data

#### Accenture, Bangalore – Senior Software Engineer, (Jul’11– Jun’14)

**Skills used:** BI, ETL, Reporting, SQL

**Domain:** Insurance

**Software’s used:** Microsoft SQL Server 2000/2005, BI tools 2005, ProClarity and Red Gate

**Key Responsibilities:**

* Performing data studies and data discovery around new data sources or new uses for existing data sources
* Determine new and innovative ways to improve our data quality, search quality, and predictive capabilities
* Visualizing and reporting data findings creatively in a variety of formats
* Solved critical production issues (Sev1 and Sev2) which require deep analytical skills and functional understanding of the application.
* Adhere to the SLA (Service Level Agreement) for each incident and CR (Change Request) assigned.
* Worked closely with ACE Business Analysts for providing solutions to problems related to interpretations of reports by end users

### Technical Tools:

Hands-On: [R](http://r4analytics.wordpress.com/), Python, Tableau, MS-Excel, DataIKU

Knowledgeable: Spark, XL-Miner, Excel Solver, @Risk, ME-XL, Power Pivot

### Achievements:

* Silver Medalist in CBA Course (2016-17) with ISB, Hyderabad
* Dean-list Student at ISB
* Best Capstone Project at ISB
* Spot award for outstanding performance during 2015 1st and 3rd quarter
* Received many other awards for an excellent performer, maximizing team’s performance, developing endured, and trust based relationship

### Personal Details:

DOB: 24-08-1989 Gender: Male Marital status: Single