

# RAJASEKARAN PARAMASIVAM

## DATA SCIENTIST

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<https://www.linkedin.com/in/rparama/>

<https://github.com/raparama/CapstoneProject>

### PROFILE

Industry leader in Business Intelligent and Data Analyst with 17 years of dynamic and data enthusiastic. Data Scientist looking to solve macro level business problem using Data Engineering, data analyst and machine learning algorithms to help organization data driven opportunities by increase the efficiency.

"I've worked with Raj in multiple projects & he has proven his efficiency. He constantly showed interest to go above & beyond as needed. He has a deep understanding on the banking data and capable of modelling those to fit the analytical reporting needs. He can clearly architect to cater the business needs & come up with multiple solutions." ~ Balaji Rajasekaran, Citi

### SKILLS

**PYTHON** | MATPLOTLIB | KERAS | PANDAS | NUMPY | SEABORN | STATSMODELS | SKLEARN | SCIPY | DATA BRICKS | CASSANDRA | APACHE SPARK | APACHE HADOOP | SQOOP | HIVE | HUE | HBASE | MAPREDUCE | NEO4j | ORACLE | MS SQL Server | **SSIS** | SSRS | TERADATA | DB2 | NETEZZA | MYSQL | MICROSTRATEGY | **TABLEAU** | POWERBI | ARCADIA DATA ANALYSIS | GITHUB | JIRA | SCRUM | **JUPYTER** | EXCEL | **PYSPARK**

### CERTIFICATIONS

CERTIFICATION OF ATTENDANCE OF ADB CORE TECHNICAL VIRTUAL TRAINING  
**DATABRICKS ACADEMY** August 2020

CLOUD-NATIVE CASSANDRA  
**DATA STAX ACADEMY** August 2020

DATA GOVERNANCE & PRIVACY FOUNDATION CERTIFICATION  
**INFORMATICA UNIVERSITY** July 2020

### AWARDS

CITI INSIGHT REPORTING TEAM	LTI Infotech
<b>PROJECT AWARD</b>	<b>2016</b>
CITI INSIGH ALCO TEAM	LTI Infotech
<b>PROJECT AWARD</b>	<b>2014</b>
VISA CDI Team	IBM India Private Ltd
<b>BRAVO AWARD</b>	<b>2008</b>
VISA VbV Team	IBM India Private Ltd
<b>BRAVO AWARD</b>	<b>2007</b>

### INTERNATIONAL EXPERIENCE

- JUN 2016 - DEC 2018 | Citi | Tampa, FL, USA
- JUL 2010 - JUN 2013 | AMEX | Phoenix, AZ, USA
- MAY 2007 - DEC 2007 | VISA | San Francisco, CA, USA

### EXPERIENCE

#### LTI Infotech

Senior Specialist - Data Engineering

**Chennai, India**

Dec 2013 to Till Date

- Successfully implemented Star Schema part of migrating from Sybase Data Warehouse to Apache Hadoop Big Data by reducing data load and processing time from 8 hours to 40 minutes with a quick turnaround to data availability.
- Performance fine-tuned in Report cubes, SQL, Report Service Documents and cube blending areas.
- Implemented BigData based 8 reusable templates with enable 1200+ reports/views created, Ability to add or remove 3000+ rows and 149+ Metric views, Framework Option available to view slides based on Business, presentation, Multi-level selection using Arcadia Data analytics, Tableau, APACHE Spark and, Hadoop
- Invented Stand-alone Derived Metrics by reducing development effort, created several command manager scripts to automate batch process of Metrics creation and Cube triggering scripts by reducing maintenance effort

#### IBM India Private Limited

Application Developer

**Bangalore, India**

Oct 2005 to Nov 2013

- Executed merchant driven marketing campaigns batch processing for executing the 'order' for delivering the resulting card member lists to various contact channels by considering increase in volume of BAU campaigns and the launch of new campaign types from the current Mystic Data Warehouse database to a more robust architecture to meet increasing demand.
- Develop and support the Business Intelligence Reporting platform for the Business Users of Vodafone telecommunications in Australia. The project includes the production support of existing MicroStrategy application, ETL Process, and to deliver ad hoc reports for business users on time.
- Authored several user guides like Best practices and tuning techniques, Configuring Data mart DSN and configuring MicroStrategy office.
- Resolved several outstanding production issues with creativity have communicated well and praise from the customer.

I have also worked at Wipro and Cognizant Technology Solution between 2003 and 2005.

### EDUCATION

LIVERPOOL JOHN MOORES UNIVERSITY (LJMU)

**MASTER OF SCIENCE (MSc) DATA SCIENCE FEB 2021**

POST GRADUATED DIPLOMA IN DATA SCIENCE (PGDDS) | RESEARCH METHODOLOGY | PROJECT DISSERTATION

INTERNATIONAL INSTITUTE OF INFORMATION TECHNOLOGY BANGALORE (IIIT-B)

**POST GRADUATE DIPLOMA**

**DATA SCIENCE JUN 2020**

**IN DATA SCIENCE (PGDDS)**

STATISTICS AND EXPLORATORY DATA ANALYSIS | BIG DATA AND SQL | MACHINE LEARNING-I | MACHINE LEARNING-II | DEEP LEARNING | CAPSTONE PROJECT

SRI CHANDRASEKHARENDRA SARASWATHI VISWA MAHAVIDYALAYA UNIVERSITY (SCSVMV)

**BACHELORE OF SCIENCE (BSc)**

**COMPUTER SCIENCE**

**MAY 2003**

PASCAL | COBAL | RDBMS | OOPS using C++ | MICROPROCESSOR | DATA STRUCTURE and ALGORITHMS | NUMERICAL ANALYSIS | MATHEMATICS-I | MATHEMATICS-II | SYSTEM ANALYSIS AND DESIGN | COMPUTER GRAPHICS AND MULTIMEDIA | COMPUTER NETWORKS | SYSTEM SOFTWARE | OPERATING SYSTEMS | SOFTWARE ENGINEER | DIGITAL COMPUTER | COMPUTER ARCHITECT | ACCOUNTANCY-I | MANAGEMENT ACCOUNTING