# Kondasamy Jayaraman

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## WORK EXPERIENCE

**Agoda [Booking Holdings Inc.,]**                                    Bangkok, Thailand
*Data Engineer | Data platform team*                                  Jan 2020 | Present

- Developed Python based CLI tool, to coordinate Data and ETL job migrations between Hadoop data centres (Tool touchpoints - Apache Hue, Oozie API, HDFS API, DistCP utils etc.,).
- Migrated existing SLA system (monitoring system for ETL job failures and Data delays), from Python2 to Python3.
- Maintain internal data discovery tool and metadata collectors.

**Agoda [Booking Holdings Inc.,]**                                    Bangkok, Thailand
*Senior Software Dev. Engineer in Test (SDET) | Data platform team*   Jan 2019 | Jan 2020

- Establish quality engineering and CI/ CD practices in Hadoop BigData environment.
- Primarily developed Python test automation libraries for Big Data validations (Koalas and Spark). Also, coded and maintained Scala based Unit and Integration tests.

**redBus [MakeMyTrip - Goibibo Group]**                              Bengaluru, India
*Lead Software Dev. Engineer in Test (SDET) | Inventory platform team*   Oct 2018 | Dec 2018

- Mentored and led efforts on automation framework development and test suite preparation.

**redBus [MakeMyTrip - Goibibo Group]**                              Bengaluru, India
*Senior Software Dev. Engineer in Test (SDET) | Inventory platform team*   Mar 2017 | Sep 2018

- Worked with Product & Development teams to understand the business needs and identify the quality requirements and test automation goals.
- Supported Continuous Integration efforts, set up test automation tooling & infrastructure tools.

**Scientific Games Corporation**                                      Bengaluru, India
*Test Automation Engineer | Back-end API team - Atlantic Lottery*     Apr 2016 | Mar 2017

- Performance tested the core back-end systems (microservices) and involved in strategic discussions on application performance tuning.
- Actively contributed to the tech strategy with insights on test automation and software quality.

**Cognizant Technology Solutions [Client: LexisNexis]**              Coimbatore, India
*Test Automation Engineer | Back-end API team - Lexis Advance*        Jul 2012 | Apr 2016

- Problem solver and Responsible for test automation and regression test suite preparation for Service Oriented Architecture (SOA) applications.

## SKILLS

| | |
|---|---|
| Programming languages: | Python, Scala, Groovy |
| BigData tooling: | Hadoop ecosystem (CDH & Ambari), Spark, Hive, Impala, Hue, Airflow, Oozie, Cassandra, RedShift, Jupyter notebooks |
| Databases: | MySQL, Postgres, MongoDB, Redis, Elastic Search, Ceph |
| Testing tools/ library: | SoapUI, Ready API, Cypress, Selenium, UFT, CA DevTest |
| Application monitoring: | Newrelic, Grafana, Kibana, Sentry, AWS Cloudwatch, Sensu |
| Test automation frameworks: | Robot framework, SoapUI Hybrid framework, Cucumber (BDD) |
| Load testing tools: | JMeter, Gatling, Locust, LoadUI |
| DevOps: | TeamCity, Jenkins, Docker, Amazon web services, Azure |

## AWARDS

**Trailblazer award**                                                 *redBus*
Recognized for implementing unit testing approach along with integration tests.   *Q1 2017 - 18*

**Star of the month (Spot bonus)**                                    *Scientific Games*
Awarded for developing web services testing framework from the scratch.   *July 2016*

**QEA Pride of the year**                                             *Cognizant Technology Solutions*
Recognized for implementing wiki portal and tech forum for internal team knowledge share.   *2015*

**Idea champion of the year**                                        *Cognizant Innovation Group*
Awarded for ideating and managing innovation metrics for entire LexisNexis account.   *2014 & 2015*

**SmartBear Community Topper**                                        *SmartBear*
Been a problem solver for SoapUI community and topped the chart twice.   *Oct & Nov 2015*

## EDUCATION

**PSG College of Technology | Anna University**                      Coimbatore, India
B.Sc Information Technology *CGPA: 9.43/ 10*                          Jun 2009 - May 2012