Kondasamy Jayaraman

Engineering manager (Data & Full stack) *·* Singapore *·* [kondasamy@outlook.com](mailto:kondasamy@outlook.com) [GitHub](https://github.com/Kondasamy) *·* [LinkedIn](https://www.linkedin.com/in/kondasamy/) *·* [Stack Over ow](https://stackoverflow.com/users/2094099/kondasamy-jayaraman) *·* [Medium](https://medium.com/%40kondasamy) [Skype](https://join.skype.com/invite/n0IMYwGkGwQ1)

EDUCATION

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

WORK EXPERIENCE

Tookitaki [Thunes Holdings] Singapore

Engineering manager | Data & Full stack Sep 2022 - Present

Revamp existing data systems to be cloud native and agnostic with proposals on storage decoupling, Kubernetes based Spark etc.,.

Agoda [Booking Holdings Inc.,] Bangkok, Thailand Sta Data Engineer | Data platform team May 2022 - Aug 2022

Design centralized connection and credential management service that integrates with Vault

Design and implement fail fast Spark SQL validation ReST service using Spark on Kubernetes

Lead the storage layer migration project on HDFS to Vast (S3 compliant storage system)

Senior Data Engineer | Data platform team Aug 2021 - May 2022

Implement toolings and process to seamlessly migrate from HDFS to object store (Vast S3)

Code review and mentor interns on process and best practices

PoC'ed on table format - Apache Iceberg and CDC pipelines using Debezium & Apache Flink

Data Engineer | Data platform team Jan 2020 - Aug 2021

Implemented self-service ETL data pipelines potentially deals with data load of ~150TBs/ day.

Designed and automated toolings for inter cluster ETL jobs & Data migration for around 190 teams (Primary touchpoints - Apache Hue, Oozie API, HDFS API, DistCP utils etc.,).

Authored Air ow DAGs to handle metadata collection and monitoring system.

Implemented metadata collectors for internal data discovery portal.

Senior Software Dev. Engineer in Test (SDET) | Data platform team Jan 2019 - Dec 2019

Established quality engineering and CI/ CD best practices in Big Data environment.

Developed Python libraries and frameworks for extensive data validations (Spark & Koalas).

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

Mentored and led e orts on automation framework development and test suite preparation.

Senior Software Dev. Engineer in Test (SDET) | Inventory platform team Mar 2017 - Sep 2018

Worked with Product & Development teams to identify requirements and test automation goals.

Supported Continuous Integration e orts, set up test automation tooling & infrastructure tools.

Scienti c 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 on 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: Scala, Python, Java

BigData toolset: Hadoop (CDH & Ambari), Apache Spark, Sqoop, Hive, Impala,

Apache Air ow, Oozie, AWS RedShift, Apache Iceberg, Postgres, Elastic Search, AWS S3, MinIO, Ceph, Vast Data, Vertica

Application monitoring: Grafana, Kibana, Sensu, Vault, AWS Cloudwatch, NewRelic DevOps: Kubernetes, Docker, GitLab CI, TeamCity, Jenkins

AWARDS

Trailblazer award (redBus) - for implementing Web scraping based inventory collection Q1 2017 - 18 QEA Pride of the year (Cognizant) - for implementing wiki portal and internal tech forum 2015 Idea champion of the year (Cognizant) - for managing team's innovation metrics 2014 & 2015