

# VIJAYGOPAL PARASURAM

Kochi, Kerala · +91-9995527784 · vijaygopal2005@gmail.com · linkedin.com/in/vijay1989/ ·  
github.com/vijaygopal2005/dataquality/tree/main/DataQuality

## SUMMARY

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Data Analytics Professional with 11 years of experience in designing and building robust and scalable data products that drive business value.

## SKILLS

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- SQL(8+ yrs) - BigQuery, MySQL, Teradata
- Python (4+ yrs) - Airflow, pandas
- Big Data tools(5 + yrs) - Apache Hadoop, Apache Spark
- Cloud(3.5 yrs) – Google, Azure,AWS

## CERTIFICATIONS

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- Google Cloud Professional Data Engineer - <https://www.credential.net/1fd7c07a-8471-4850-aa97-7dbb8d714fe9>
- Microsoft Azure Fundamentals AZ900

## PROFESSIONAL EXPERIENCE

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### Tata Consultancy Services (Sam's Club), Bentonville, AR & Kochi, India

#### Data Engineer

May 2020 - Present

- Revamped 140+ finance metrics with production quality standards such as source data availability, data quality and data governance on Google Cloud Platform (GCP).
- Accelerated the productivity of the team by 40% by devising operational and technical process improvement.
- Introduced a generic framework for validation of millions of transactions that reduced the validation time by 75%.
- Developed a Power BI dashboard to understand load times, define SLA's, monitoring and alerting of 500+ data pipelines as part of the data platform team.

### Tata Consultancy Services (Amazon Inc), Seattle, WA

#### Data Engineer

Jan 2019 - Apr 2020

- Liaised with technical and business SMEs to identify, define and classify 30+ loss prevention metrics.
- Conceptualized the Data Warehouse, designed the data pipelines by working with Data Modeler's and technical architects.
- Worked with Data Scientist to identify 30 + features for ML model development and automation of the model in production.

### Tata Consultancy Services (Walmart Inc), Bentonville, AR

#### Data Analyst

Sep 2017 - Dec 2018

- Actively collaborated with business stakeholders to discuss and finalize on the metrics, business logic and format of the weekly forecast report.
- Automated weekly forecast report in Python that saved lot of manual effort & minimized manual errors while creating the reports.

- Collaborated with Data Scientist to create time series forecasting model with a 5% increase in accuracy compared to the baseline model.

**Tata Consultancy Services (Walmart Inc), Bentonville, AR**

**Business Analyst/Engineer**

**Sep 2015 - Dec 2018**

- Procured and Installed Apache Hadoop, Tomcat server and MySQL on client environment to setup an in-house space optimization product.
- Translated business requirements from stakeholders to technical requirements and documented the same for the engineering team.
- Presented data requirements and validation to the external data teams for consumption in space optimization product.
- Moderated UAT sessions with Category Managers, Business stakeholders and respond to any clarification/questions they had.

**Tata Consultancy Services, Chennai, India**

**Full Stack Software Developer**

**Jan 2012 - Nov 2015**

- Hands on experience in front end UI development in JavaScript.
- Developed the analytics engine of the space optimization product in R by implementing ML algorithms such as PCA, Regression Modeling and Clustering.

**EDUCATION**

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Bachelor's Degree in Information Technology (IT), Mahatma Gandhi University, Kerala, India