

# PRADEEPA K J

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## Summary

Dedicated **Data Engineer** professional with **3.5 years** of hands-on experience with AWS Redshift Datawarehouse and PostgreSQL database. Proficient in AWS cloud services such as S3, EC2, SNS, SQS, Lambda, Glue. Excellence in gathering & understanding requirements of clients & designing Talend jobs (ETL tool) to develop data workflows, proficient in job automation, unit testing, end-to-end testing, deployment, providing production support and collaborating effectively to deliver high-quality solutions.

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## Experience

**Systems Engineer** | Tata Consultancy Services - Chennai | 27/01/2022 - Present

**Project:** Mobile Meter Processing | Developer and Support

- Worked in design and implementation of robust ETL processing in Talend ETL tool.
- Monitoring talend jobs, debugging & fixing if any failures in production.
- Developed data quality check talend job to find out the trend checks in data.
- Migrating java data extractor code to SQL using Talend tool.
- Worked on query performance improvement in AWS Redshift data warehouse by developing Redshift purge talend job.
- Have 3+ years of experience in managing the AWS resources like S3, EC2, SNS, SQS, Lambda, and Glue.
- Worked on migrating the Talend job to AWS Glue.
- Worked on GitLab with talend and airflow codes development and deployment as part of continuous integration and continuous deployment (CI CD).
- Proficient in Agile practices, including sprint planning, stand-ups and retrospectives.

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## Skills

<b>ETL Tool</b>	: Talend Open Studio
<b>Database</b>	: PostgreSQL
<b>Datawarehouse</b>	: Amazon Redshift
<b>Programming Language</b>	: SQL, Python, PySpark, Shell Scripting
<b>Cloud Services</b>	: AWS (S3, Lambda, EC2, Glue, IAM, SNS and SQS)
<b>CI/CD Tool</b>	: GitLab
<b>Tools</b>	: Dbeaver, WinSCP, Putty, Jira

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## Achievements

- Received appreciation from clients for my work in talend jobs code development and deployment with perfect solutions without any bugs.
- Received best team Award.
- Received On-Spot Award for daily, weekly, monthly jobs processing production support.

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## Education

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**BE** (Computer Science Engineering), KLN College of Engineering, Sivagangai - 8.65 CGPA

12th EVRN Corp. Girls Higher Secondary School - 88.67%

10th EVRN Corp. Girls Higher Secondary School - 96.8%

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## Personal Details

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**Date of Birth:** 12th November 1999

**Languages known:** English, Saurashtra, Tamil