

# JAGANNATHAN SEKARAN

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## EXECUTIVE SUMMARY

An **IT Professional** with 14+ years of experience with proven record of significant and successful contribution in Cloud Data Development. An adaptable professional who specializes in team management, cloud migration/administration, automation and database.

## TECHNICAL SKILLS

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### Cloud Platform

Amazon Web Services (AWS), Azure

### AWS Services:

S3, EC2, Route53, SNS, RDS, VPC, Lambda, IAM, EFS, EBS, ALB

### Azure Services:

Azure SQL, BLOB Storage, Azure VM

### Operating Systems:

Linux, Windows

### Languages:

Bash, Python, SQL

### CI/CD:

Git, GitHub, Gitlab, Jenkins, Maven, Gradle, Nexus, Docker, Terraform

### DB Tools:

SQL Server, Oracle

### Containerization Tools:

Docker, Kubernetes

### Monitoring Tools:

AWS Cloud Watch, Prometheus, Nagios, Grafana, NewRelic

### Bug Tracking/Ticketing Tools:

iTop, BugZilla

## CERTIFICATIONS

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### Amazon Web Service

Certified Cloud Practitioner *JAN 2020*

Solutions Architect Associate *JUN 2020*

### Microsoft Certified

Azure Fundamentals *DEC 2020*

Azure Data Fundamentals *JAN 2021*

Azure Administrator Associate *FEB 2021*

### Oracle

Oracle Certified Associate *OCT 2013*

## EDUCATION

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Master of Business Application, Annamalai University (TN, India)

Diploma of computer science, NIIT (TN, India)

**Visa Status: H1B** (valid until 2022)

## PROFESSIONAL SKILLS DEMONSTRATED

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### Ebix Inc.

📍 Johns Creek, GA

### Platform Engineer/DBA

*April 2017 – Present*

- As a platform Engineer, I implement solutions that aim to improve parts of the software development lifecycle
  - Developed application pipeline for multiple projects based on client specification
  - Worked on building CI/CD pipeline using Git, Jenkins, Maven, SonarQube, Nexus, Docker, etc.
- Worked with Version Control tools **GIT** and **Gitlab**
- Experience in different services of **AWS** like **S3**, **EC2**, **Lambda** Function, **RDS**, **Route 53**, ECS, Elastic Search, Application Load Balancer, etc.

- Experience in using Nexus Repository Manager for Maven builds
- Worked on **Docker**, AWS ECS/EKS
- Managed AWS infrastructure through Terraform
- Work with Software Engineers, Product Managers, and QA Engineers in an Agile team environment
- Manage infrastructure through scripts and code
- Supporting and working alongside Agile development teams to ensure they have all the facilities to get the job done
- Perform root cause analysis of production impacting issues, including opening problem cases with vendors and driving them to conclusion
- Maintaining and bug-fixing existing applications and infrastructure
- Setting up virtual environments on AWS/Azure for rapid development and testing
- Familiar with TCP/IP networking, firewalls, switching, and routing
- Implemented in-house monitoring tool using Grafana/InfluxDB
- As a DBA, Migrated Oracle/SQL Server databases to **AWS RDS/Azure SQL**

## **Ebix Software India Pvt Ltd**

📍 Chennai, India

### **Sr. Database Admin**

August 2010 - March 2017

- Automated log shipping (*poor-man data guard*) using scripting that decreased the cost of purchasing enterprise licenses by 30%
- Installation and Administration of Oracle database 10g/11g (RAC/Standalone) on Linux & Windows
- Manage databases through multiple product lifecycle environments, from development to mission critical production systems.
- File system to ASM migration
- Configuring and maintaining RMAN and SQL backup
- Configured database backups to Cloud (S3/Azure Blob)
- Worked with SAN team on storage estimation/Allocation
- Automated day-to-day DBA activities using shell scripts/PowerShell scripts which improved DBA's productivity by 10-15%
  - Written script to monitor datafile/ASM DG size
  - Written backup script to take level-0/1 using RMAN

### **Lead Support Analyst (NOC)**

Oct 2009 – Aug 2010

- Managed a team of 6 members by providing 24x7 support monitoring databases and alerting DBA
- Prepared workload report for management
- Involved on mentoring and teambuilding activities

## **Premier Technology Group Pvt Ltd**

📍 Chennai, India

### **Conversion Analyst**

May 2007 to Sep 2009

- Converting Sybase database to Oracle database using in-house conversion tool
- Migrating and monitoring data migration in oracle databases
- Performed Data extraction using DataPump