

# RAJARSHI SINHA

## Personal Details

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## Professional Summary

Cloud Architect, Scrum Master, Project Manager, DBA and Data Modeler with 14+ years of Technology Consulting experience in large scale DW and BI Projects. Working as a Cloud Architect in Azure, AWS and GCP for the last 5 years. Currently associated with Puma Energy Processing Services LLP as a Technical Architect

## Technical Expertise

Cloud Platform	Azure, AWS, GCP, Alibaba Cloud
Relational Databases	MS SQL Server, Oracle, Azure SQL DB, Azure Synapse Analytics, AWS RDS, AWS Aurora, Cockroach DB, GCP Spanner
NoSQL Databases	Azure Cosmos DB, AWS DynamoDB
Data Integration Tools	SSIS, Pentaho Data Integrator, Azure Data Factory
Data Modelling Tool	Toad Data Modeller 6.3, Enterprise Architect v13
Data Visualization Tools	Pentaho Report Designer, Power BI, Tableau
Configuration Tools	Terraform, Cloudformation, Ansible
RPA Tools	Automation Anywhere, Xceptor
Scripting Languages	Oracle PL/SQL, T-SQL, PowerShell
Source Control	TFVC, Git
Methodology	Agile Methodology using Scrum

## Professional Certifications

- Alibaba Cloud ACA
- Professional Scrum Master-I certified by Scrum.org
- Certified Blockchain Expert by Blockchain Council
- Advanced RPA Professional by Automation Anywhere

## Educational Qualification

Degree	Board / College / University	Year
B. E. (Electrical Engineering)	Bengal Engineering & Science University , Shibpur, West Bengal	2006
Higher Secondary (12 <sup>th</sup> )	West Bengal Board (WBCHSE)	2002
Secondary (10 <sup>th</sup> )	West Bengal Board (WBBSE)	2000

## Work Experience

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### ***Puma Energy***

*Oct 2019 - Till Date*

- As a Cloud Solution Architect, designed and implemented end to end cloud native applications in both AWS and Azure.
- Designed cloud application for High Availability, Elasticity and Disaster Recovery keeping in mind the AWS well architected framework.
- Used infrastructure as code for the deployments by adopting usage of Terraform and Cloudformation templates instead of manual deployments.
- Enforced usage of serverless application models instead of IaaS wherever possible.
- Implemented RPA projects using Automation Anywhere and Xceptor
- As a Tableau Server Admin, installed, configured and maintained Tableau Server in Azure VM.

### ***PwC***

*Jan 2008 - Oct 2019*

- As a Cloud Solution Architect played a role in providing design guidelines for cloud systems including compute, storage, networking, databases and cloud security and compliance.
- Assessed on-prem workloads and defined way forward to transform those workloads to cloud environments.
- Delivered hands-on, business-oriented, strategic and technical consulting to requirements for cloud infrastructure, automation solutions and solution architecture.
- Managed Cloud Resource Costs and made design choices using cost optimization techniques.
- Worked as a Cloud Infra Lead and build and release manager using Azure DevOps.
- Played the key role of a project manager from offshore; managed resources, involved in budgeting exercise, provided demo prototypes to clients and led solution development with Azure and AWS.
- Played the role of a scrum master and liaised with the product owner to prioritize product backlog items and took care of removing impediments from the development team.
- Managed some strategic clients in PwC US IT from the Tampa, FL office.
- Was instrumental in the business requirement analysis, architecture design, data modelling, costing estimates and environments set up for some of the flagship projects operating from US.
- Managed a strategic Power Sector Navaratna PSU client and implemented solution in their regional centers.
- Involved in Technical RFP preparation which helped the sales team in winning many strategic clients.

### ***Infosys***

*Jun 2006 - Jan 2008*

- Started career as a software engineer with Infosys Technologies Ltd. Worked in the Banking and Capital Markets domain focusing on Oracle PL/SQL.