

AVP – Engineering Manager	
Candidate Name	Sachin Shukre
Current Company	Tech Mahindra Ltd
Current Designation	Big Data Architect
Current Location/Native	Pune
Education	B. Tech, Chemical
Experience	16 Years
Team Management	30 to 35 People
Relevant Experience (Design, Develop & Architecting)	5 Years into Designing & Architecting, 9 Years into Development.
Skills	<ul style="list-style-type: none"> - Total 16 Years of experience in IT. - 11 years into Big Data and architecture. - More than 36 Proposals designed in EMEA region and Won 6 Proposals. - Majorly into Big Data Architecting - Worked for O&G and Telecom, Insurance, Network domains. - Experience working on AWS Clouds. - Expertise in Proposal writing. - Good Experience in Client Management. - Has managed 35+ people team - Currently working on Migration project since last 4 Months - From 2000 to 2005 was working as a scientist in a chemical company. - From 2005 until now into IT role.
Reason for Change	Looking for better growth and opportunities.

Sachin Shukre

Big Data Enterprise Solution Architect
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Overview

Definitive, solutions-focused, and forward-thinking IT professional, with a successful career across the software development lifecycle; from initial feasibility analysis, conceptual design, and documentation through construction, implementation and quality review. Equipped with hands-on experience building, coding and directing successful information technology initiatives.

Expert in Hadoop Based Technologies with a focus on data integration and analysis. Driving new discoveries through Just-In-Time analytics, leveraging co-located datasets at scale to provide insight and pattern detection that wasn't previously possible. Building data pipelines that produce results in minutes or hours across peta-bytes of data. Building and discovering new ways to co-locate, integrate and leverage disparate datasets using the Lambda architecture.

In-depth exposure to diverse set of verticals including Finance, oil and natural gas industry, utilities, healthcare etc.

Big Data Professional Experience

**Tech Mahindra
Limited. Clients –
Europe and Middle
East Region
Hadoop / Lead Big
data Enterprise
architect
April 2019-Present**

Acting as a senior Big Data architect, provide technical and process leadership for projects, defining and documenting information integrations between systems and aligning project goals with reference architecture, work with business and technology cast members to define information needs, then architect and estimate solutions in the form that supports desired business and technical capabilities / requirements. Proactively look for opportunities to align technology as an enabler for business needs and capabilities.

Architect solutions for key business initiatives ensuring alignment with future state analytics architecture vision, Work closely with the project teams as outlined in the Agile methodology providing guidance in implementing solutions at various stages of projects.

Roll up sleeves and work with project teams to support project objectives through the application of sound architectural principles. Majority Clients are from Europe and Middle East region in the sectors like BFSI, Government, Telecommunication,

Responsibilities & Activities:

- Telecommunication – Hong Kong client (HTCL) – Send as a POD Lead member to bring the project back on track and with specified time line. – Got client appreciation for the work done.
- Handled successfully a war room for Providing D&A Architecture for a European client (Ericsson) of \$500K+ M deal along with other teams like Devops, Micro services, Terraform, API Integration, Cloud etc.
- Provide an overall architect responsibilities including roadmaps, leadership, planning, technical innovation, security, IT governance, etc
- Produce artifacts in support of reference architecture advocacy and implementation, including authoring documentation, white papers, and presentations/diagrams for dissemination to technical and business audiences
- Provide technical leadership and governance of the big data team and the implementation of the solution architecture in following Hadoop ecosystem, few mentioned, (Hadoop (Hortonworks, Cloudera , Cloud and Hybrid platforms, Security – Kerberos, Ranger, Knox, HDFS encryption, hosting platform – AWS, Azure)
- Apart from this also came across the(Also got an exposure on) pre sales functioning like RFP, RFI, RLS and develop technical presentations & proposals, & perform customer defense presentations.
- Evaluate new technologies, execute proof-of-concepts and get acquainted with In build developed specialized algorithms like PRISM™ – Democratizing Analytics and Data Science, INFOWISE™ – Predictive & Cognitive BIOps, Tactix – AIOps, iDecisions® - a proven and established BI Framework, ACUMOS,GAIA,TEM- TechM's Distributed AI Market-Place.

Environment(s): Cloud – AWS, Azure, GCP(conceptual) Big Data Hadoop – Cloudera (CDH) Hortonworks 2.7 stack, Ecosystems – ETL tools , EDW and Visualization tools , AI ML platforms like Cloudera work bench, Azure ML platform.

HashmapInc LTD.
Client - Murphy Oil
and Gas
Hadoop / Big data
Enterprise architect
September 2017-
March 2019

Revised the architectural modification required for changing demand in Murphy oil for Data Ingestion with internal accelerator named DIA (Data ingestion Accelerator), Data transformation through Hive and Spark. Advise and implement with the customer on a proper architecture stack for various use cases and enterprise concerns such as Real-time and Batch reporting and platform needs. Assist customer(s) in big data adoption to deliver business value.

Responsibilities & Activities:

- Reviewed and validate effort estimates produced by development team for design and build phases.
- Understand and apply company's Accelerators (products / frameworks) to the design when needed. Accelerators like DIA, Sage(CMA), Ubiquity, Tempus.
- Collaborate with the development team to produce a technical specification for custom development and systems integration requirements. Like cloud architecture moving from Azure to SAP BDS.
- Participated and lead, when needed, the project meetings with the customer.

Environment(s): Hortonworks 2.5 stack, Sqoop, Ooze, Hive, Yarn, Spark, Reporting tools such as Tibco Spotfire etc.

GS Lab, client -
Fresenius Medical
Care, Corvil streaming
Analytics,
Hadoop / Big data
Enterprise Architect
Apr 2017- Aug 2017
Sep 2016 -Apr 2017

The project would concentrate on recognizing many use cases, analysis of landscape of these systems, technology considerations, FMC's existing investments in various tools, and then leverage the findings to define the scope of the first phase of Data Warehouse that they want to implement as a big data solution on cloud.

For Corvil : Worked on productX to improve the performance while analyzing the data packets came down through Corvil machine and decoded data send to Hadoop through Kafka , spark , druid on dashboard for real time analysis. And for the batch analysis, stream goes from Kafka to Hive to Presto to Tableau.

Responsibilities & Activities:

- Participated in requirement gathering sessions with Business users and stakeholders to understand the business needs.
- Understand functional and non-functional requirements and define technical Architecture and design to cater to the same.
- Articulate business problems and proposed technical solutions using AWS S3+EMR+Tableau Use case by comparing the financial and architectural model for Fresenius.
- Produce a detailed technical design document to match the solution design specifications.
- Build and implement a framework Ingesting Corvil Analytics on premise using Open Stack virtual environment.

Environment(s): Hortonworks 2.4/5 stack, HIVE, Druid, Spark, Kafka, Reporting tools such as tableau

Hortonworks Certified
Trainer
Jan 2013-Aug 2016

**Subject Matter Expert,
SEED Infotech LTD
Nov2005– Aug 2016.**

Executing the Corporate Trainings for Laterals (Experienced) as well as Fresher's in technologies like Big Data Hadoop, Developer track of Java, Pig & Hive, Windows, and other technologies like C, C++, DS, C#, ASP.NET2.0,ASP.NET3.5/40, SQL Server 2005, 2008 in various corporate companies like Teradata, Lowe's, Flipcart, Wipro, KPIT Cummins, C-DAC, GSSL, Symphony, etc.

Responsibilities & Activities:

- Understanding the technical training requirements for the various training programs, implementing appropriate training methods and creating customized courseware and executing the same.
- Executing Train, the Trainer programs for the junior trainers.
- Paid POC's Done during the period:
 - a. SMART-DOC / Aarogyam - a healthcare product
 - b. e-guru-kool - a distance education product (MOOC) A massive open online course
 - c. Pune Sales Tax Division Automation with Mahavat - Microsoft Dynamic CRM product

Other Technical Expertise

**Variety of
Database
Platform,
Application
Environments
and
Tools**

- -
- Oracle, MySQL, TSQL
- Windows, CentOS6.2
- Ubuntu 9,10,12
- AWS, Azure
- Spark, C/C++, Python, C#, Asp.Net 2,3.5,4
- JSON, XML

Education & Certifications

- Bachelor of Engineering in Chemical
- HDP Certified in Development – Analytics & Java
- HDP Certified in Window
- Hortonworks Certified Trainer
- MCT - Microsoft