**Atul Sarda**

[**atulksarda@gmail.com**](mailto:atulksarda@gmail.com)

**CAREER OBJECTIVE:**

Senior level IT professional with extensive experience in Digital Transformations, Microservices, Web Content Management Systems, Web Portals, E-commerce Solutions, Cloud Computing, Oracle ERP implementation, Encryption, Secure Key, Vulnerability and Patch Management methodologies and procedures, DevOps/SRE principles, Analytics and Penetration Testing. Proven success in effectively working to develop and implement sustainable and innovative solutions for complex business issues.

Authorized to work in the US for any employer. Active High Background Investigation Security Clearance.

**CURRENT: -** Preparing for AWS Cloud Architecture Certification.

**TECHNICAL SKILLS:** AWS/AZURE, Window/Linux/Solaris server, Cisco, Databases(SQL, NoSQL), VMware, ESXi, GIT, Ansible, Bigdata Hadoop, Cloudera, EMC, Informatica, Tableau, HPQC, WebLogic, SVN, Citrix Xen, Python, R, RESTAPI, AppDynamics, GoldenGate, Java, Pivotal Cloud Foundry, Splunk, Datadog, Tripwire, Wireshark, SQLmap, Nessus, R, MatLab, NLP, MVC Framework, Node.js, Acunetix, Docker, RabbitMQ, PostgreSQL, Kubernetes, Okta, blockchain, Apache Kafka, Kinesis Streams, Redis.

**SUMMERY OF SKILLS:**

* 15+ years of experience in both technical and business arenas: for defining and documenting conceptual architecture; capture and document non-functional (architectural) requirements; and defining technical requirements to initiate requests for proposals (RFPs) with external software/technology vendors or service providers.
* Responsible portfolio projects are delivered with high quality, within budget, and on time. Provided proposal consulting and technical writing support to government contracts. Familiarity with industry security standards including NIST 800-53, ISO 27001 and ISO 27018.
* Transformation opportunities covering across Cloud, as part of the Cloud leadership, established a cloud hosting processes and procedures for large-scale enterprise resource planning including transitioning datacenters, new products, and services, deploying servers and applications, and integrating systems to various clients.
* Lead enterprise architecture & engineering for resilient cloud-native, data-driven solutions, data privacy, data protection and data governance experience to meet the needs of our organization and internal strategic partners. Extensive knowledge of NIST security policies and Cybersecurity Framework.
* Directed the 24x7 operations, support, security, architecture and planning of data centers with over 200 individual mixed technology servers for various organization.
* Managed environments like DEV, SIT, QA, UAT, Preprod and Prod for various releases and designed instance strategies from premises to cloud technologies. Maintain up-to-date documentation of I.T. department policies, system and network configurations, security protocols, and other key processes.
* Experience working in an agile environment (Scrum, Kanban, Jira/Confluence, etc.) and ITIL Processes.
* Ensure that infrastructure meets our compliance obligations (HIPAA, PCIDSS, PHI, PII, and other confidential data)

**WORK EXPERIENCE:**

**Sep 2018 to Present – VetsEZ (Veterans EZ Info, Inc.)**

**Director, Data Engineering**

* Interact with executive leadership, engineering, product management and multiple global partners to define, prioritize and deliver complex services and products.
* Lead solution/BI/data/Infra/enterprise architects and engineers. Designed and developed a multi-technology, retail-specific BI and Analytics platform consistent with industry standards methodologies.
* Driven end-to-end enterprise solutions for cloud. Handled partner and vendor relationship along with migration opportunities for large enterprise portfolios. Onboarding new skills to enable them handle IT.
* Implemented business strategies for Operational Data Management, Data Integration Hub, Data Warehousing, Master Data Management (MDM), and Business Intelligence, Self-Serve Analytics improving operational efficiency, enhanced visibility for effective decision making, and targeted business growth strategies for the organization.
* Develop Standards, patterns, guidelines, best practices for the Enterprise Services team to better implement SOA/API/Microservices architecture-based solutions. As part of the Enterprise Architecture team/ Technical Integration Office team, worked with Project teams to ensure Solution Architecture is line with the established standards.
* As part of the Architecture Review Board, was responsible to providing the necessary guidance in choosing products, vendor solutions, and shape the future technology strategy for the organization.
* Leverage DevOps techniques and practices like CI/CD, Test Automation, Build Automation and Test-Driven Development to enable the rapid delivery of working code utilizing tools like Jenkins, Maven, Nexus, Chef, Ansible, Git, and Docker.
* Developing and deploying distributed computing Big Data applications using Open Source frameworks like Apache Spark, and Kafka on AWS Cloud. Utilizing programming languages like Java, Scala, Python and Open Source RDBMS and NoSQL databases and Cloud based data warehousing services.
* Coordinate and track all information technology and security related audits including scope of audits, colleges/units involved, timelines, auditing agencies and outcomes. Work with auditors as appropriate to keep audit focus in scope, maintain excellent relationships with audit entities and provide a consistent perspective that continually puts the institution in its best light. Provide guidance, evaluation and advocacy on audit responses.

**Jan 2016 to Sep 2018 – Constellation West**

**Sr. Manager Data Architect**

* Responsible for managing Development, Test, QA and Production implementing future enhancements through daily SCRUM meetings, Kanban and Slack to meet the business needs of the end users. Provide technical design and architectural leadership, including documenting and diagramming the logical, physical, and process views.
* Collaborate with executive leadership, product and project teams to analyze and understand enterprise business drivers to determine business information and cloud architecture requirements. Creates and evangelizes a holistic architecture vision, analyzes the current environment to identify critical deficiencies, and designs and proposes solutions for improvement. Partners with the application architects to identify specific infrastructure components (hardware, software, database, etc.) for architectural and tuning improvements.
* Works with teams to develop, verify, and submit a Version Description Document (VDD), SDD that conforms to CM Standards with product and project. Experience with the administration, management, and performance of risk assessments as required by HIPAA, PCI, SOX, and other federal information security regulations.
* Developed and supported the Software Release Management and procedures. Performed all necessary day-to-day Subversion support for different projects. Responsible for design and maintenance of the Subversion Repositories and the access control strategies.
* Provide thought leadership in the areas of advanced data techniques, including data modeling, data access, data integration, data visualization, text mining, data discovery, statistical methods, database design and implementation.
* Designed and Implemented IaaS, PaaS and SaaS solutions using Cloud, Storage, Server, Virtualization and Network technologies. Translate Business requirements into technical solution that lay an infrastructure foundation for development of scalable and highly available client facing   
  enterprise applications. Responsible for business engagement, customer requirements, business communications, team management & delivery. Implemented AWS Cloud Services EC2, VPC, Route53, S3, Dynamo DB, ELB, RDS, Elastic Beanstalk, Auto Scaling, SNS, SQS, Cloud Watch and Cloud Trail.

**Mar 2014 to Dec 2015 – E\*TRADE Financial Corp**

**Staff.Sr. Database Admin**

* Responsible for Installations and Maintaining Production/Pre-Production environments for Oracle RAC/Standalone 11g and implementing 12c, SqlServer 2005/08/12, MongoDB, Sybase ASE/IQ databases, DB2 including ASM, Data guard, golden gate RAC/Standalone, Replication/Mirroring & Cluster Server on UNIX and NT.
* Major duties were to plan, develop and assist the migration of client's on-premise infrastructure to Cloud. Design and implement hybrid on premise and cloud migration and management strategy for the new hybrid cloud solution in single and multiple site data centers.
* Solutions Consultant responsible for architecture decisions and tasks for ongoing migration efforts. Design, install, administer, and optimize hybrid cloud components to ensure business continuity (i.e. Azure AD, ADFS, SSO & VPN Gateways). Identifying opportunities to improve infrastructure that effectively and efficiently utilizes the Microsoft Azure Windows server 2008/2012/R2, Microsoft SQL Server, Microsoft Visual Studio, Windows PowerShell, Cloud infrastructure.
* Architect, develop, plan and migrate servers, relational databases (SQL) and websites to Microsoft azure cloud. Deployed IaaS virtual machines (VMs) and Cloud services (PaaS role instances) into secure VNets and subnets. Create triggers to keep track of changes to the fields of tables when changes are made. Develop reports using SQL Server Reporting Services and utilizing complex SQL queries and stored procedures. Configure and maintain Report Manager and Report Server for SSRS.
* Provide database coding to support business applications using T-SQL. Handled the Back up and Restoration Strategy, Executed Shell Scripts using Cron jobs, Perl, Python scripting, Planned and scheduled Backups, took Logical Backups (using RMAN, Import/Export, Hot/Cold Backups, Data Pump tools).
* Solid experience in managing Oracle in High Availability environments using Real Application Cluster, Failovers, Data Guard and Cloning technologies.
* Excellent communication, presentation, interpersonal skills, strong troubleshooting and organizational skill.

**Sep 2011 to Mar 2014 – LexisNexis/First Advantage**

**System Engineer Lead**

* Maintaining a high-availability data center of approximately 2000 physical and virtual servers (ESXi) running Oracle Solaris 10, AS400, AIX, Red Hat Enterprise Linux 5/6 and Window Servers IIS using V Cloud Director, PowerShell scripting, Perl, Python. Providing LAMP support for production, Citrix XenApp server support, apache server administers, troubleshooting Splunk running on servers, development and test environments employing Oracle/Sybase and Microsoft SQL Server databases.
* Lead teams in building out and maintaining high performance, high availability environment, using virtualization and open source solutions where possible.
* Replaced existing manual deployment and management processes using Hudson Jenkins, GIT, Ansible for automate deployed on Production and non-production environment.
* Migrating a production infrastructure into an Amazon Web Services VPC utilizing AWS Cloud formation, Code Deploy, Chef, EBS, and OpsWorks. This included migrating many production MySQL databases into RDS, rewriting a large set of monolithic recipe-based cookbooks as Provider and Attribute-driven wrapper cookbooks.
* Installed and Configured Jenkins for Continuous Integration. Used Jenkins to perform automated Builds and Deployments. Expert in User Management and Plugin Management for Jenkins.
* Build configured and support Application team environments. Deployed the applications to Tomcat Application Server and static content to apache web servers. Established processes and tools to maintain code base integrity, including check-in validation rules and branch/merge processes.
* Worked on Hadoop clusters using Hortonworks (HDP) distributions. Worked collaboratively to manage build outs of large data clusters.
* Helped design big data clusters and administered them. Experienced on boarding process of applications coming into Hadoop like explaining them architecture access related things.
* Importing and exporting data into HDFS using Sqoop. Experienced in define being job flows with Oozie. Loading log data directly into HDFS using Flume.
* Experienced in managing and reviewing Hadoop log files. Installation of various Hadoop Ecosystems and Hadoop Daemons. Installation and configuration of Sqoop and Flume & HBase.
* Managed and reviewed Hadoop Log files as a part of administration for troubleshooting purposes. Communicate and escalate issues appropriately.
* Working experience on maintaining MySQL databases creation and setting up the users and maintain the backup of databases.
* Worked both independently and as an integral part of the development team. Communicated all issues and participated in weekly strategy meetings.
* Administered back end services and databases in the virtual environment. Implemented system wide monitoring and alerts.

**Sep 2010 to Aug 2011 E\*TRADE Financial Corp**

**Staff, System Admin**

* Administer production Linux/Solaris/Window server and familiar with Netcool, Control-M, dashboard, Sitescope, Nagios, Splunk and various other tools.
* Network security/monitoring tools (iptables firewall, tcpdump, Nagios/Uptime/OpenNMS monitoring, Nessus vulnerability scanning, nmap host discovery, Ossec HIDS, deny hosts)
* Handling the nightly batch jobs. Provides technical assistance to, DBAs, Network Engineers, Application Developers, Project Managers, Change Managers and QA.
* Automate the processes through Shell scripting, Perl, python and troubleshooting prod issues.
* Web Servers software - Apache, Tomcat, Lighttpd server setup and administration
* Monitoring and optimizing the performance of the servers, manages of OS, system hardware and application performance and batch processing.
* Performed software configuration/release management activities for three different Java applications.
* Designed and implemented Continuous Integration process using tools like Hudson with approval from development and other affected teams. Defined processes to build and deliver software baselines for internal as well as external customers.

**Dec 2008 to Sep 2010 Voobon Ventures**

**System Analyst**

* Assisted in (Linux) Centos running Asterisk PBX VOIP system, Open fire, SugarCRM, OrangeHrm and Window Servers 2008 (Active Directory), Group Policy and LDAP, Window Server 2008 hosting server, Plesk, Symantec Endpoint Protection Antivirus Server, Backup Execution Software, Cat-5 cabling, CCTV camera installation, MAC machine support, Build Sql server on window server 2008.
* Build backup server for VOIP Asterisk freepbx server.
* LAMP (Linux, Apache, MySQL, PHP) setup, configuration & maintenance. Shell Scripting to automate the process.
* Used active directory to add users to the software application group and created machine accounts.
* Real-time problem desktop equipment, cloning desktop hard drives using Norton Ghost, network and software, diagnosis/resolution, Rack/Unrack Servers and dress cables.
* Assisted in Installed and configured hw/sw, support, and maintain PC/Network software and create and monitor user accounts, assign passwords.
* Create, change, and delete user accounts and setting up /maintaining desktops per

Request, setup email account.

* Provided day-to-day technical support and troubleshooting for users employing PC laptops

and desktops using Spice Works help desk support.

* Performed upgrades to hardware, operating systems, and applications with minimal

downtime.

* Fantastic ability to learn new material quickly.

**Aug 2008 to Dec 2008 Computer Generated Solutions**

**Technical Support Representative Supervisor**

* Solving problem related to IBM/LENOVO hardware and software.
* Provided effective and consistent technical support over the phone.
* Researched technical solutions.
* Responsible for handling all persistent cases.
* Support to wireless and complex issues.

**Jun 2006 to Mar 2008 Humbhi**

**Quality Analyst**

* Excellent Knowledge and Hands on experience in Manual Testing.
* Expertise in Problem Solving and Tracking Bug Reports Using Bug tracking Tools (Bugzilla).
* Good at writing Test Scenarios and Test Cases.
* Determined testing requirements developed and reviewed scripts for positive and negative test scenarios, conducted baseline testing, and generated reports. Tested server and Web Portal.
* Analyzed application, system, and security errors. Escalated issues to developers and verified fixes. Identified, fixed, and scrupulously documented system bugs.
* Writing test cases, preparing test plans, executing test cases and providing results to the Supervisor.
* Finding and following up on defects and ensuring they are resolved in a timely manner.

**Jan 2006 to Jun 2006 SQL Technologies Pvt Ltd**

**Oracle Database Trainee**

* Analyzed business requirements.
* Successfully planned and created a primary and standby database.
* Documented database recovery instructions.
* Created software user manual.

**EDUCATIONAL QUALIFICATION:**

2006-2007 Certified Oracle9i/10g OCP (Database Administrator).

2003-2006 Master of Computer Application.

1999-2003 Bachelor of Computer Application.