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| **Sriram**  **Engineering Leader – Product Development**  [intellectsriram@gmail.com](mailto:intellectsriram@gmail.com) +91 9600181453  https://linkedin.com/in/intellectsriram | |
| core24x24iconsCore Competencies   |  | | --- | | ***Project / Delivery Management*** | |  | | ***Artificial Intelligence*** | |  | | ***Risk Mitigation & Management*** | |  | | ***Agile Project Management*** | |  | | ***Big Data Analytics*** | |  | | ***Client Relationship Management*** | |  | | ***Application Development*** | |  | | ***Cloud DevOps*** | |  |   ***Team Management***    **Z:\Approved_ResDev_Repository\Formats\Visual Resume Formats 2015-16\Icons\extracurricularactivities24x24icons.png**Soft Skills  Motivator    Planner  Change Agent  Collaborator  Education  Z:\Approved_ResDev_Repository\Formats\Visual Resume Formats 2015-16\Icons\Professional-Affiliation24x24icons.pngCertifications | Task-oriented professional, with the capability to manage multi-tasking and work under pressure; sticks on to process & procedures set by the management, targeting senior level assignment in **IT industry.** Location Preference: **India / Overseas** |
| knowledge24x24icons Profile Summary |
| * An acclaimed professional with **over 20 years** of rich experience in **Project** **Delivery, Developing Applications in Java, Python and Big Data, Analytics & Data Science** * Highly Skilled, Continuous learning in **Big Data, Artificial Intelligence, Data Science, AWS, Azure, GCP, DevOps, Blockchain, Java, Spring, Spring Boot, Microservices, .Net & SharePoint Arena** * Gained insightful international experience in **Boston, USA & London, UK** * Proficient in grasping the big picture, conceptualizing, developing, implementing solutions, partnering closely with business leaders & stakeholders to achieve higher levels of efficiency & effectiveness * Experience in leading global project delivery for **fortune 500 clients** in architectural design, development, cloud implementation with high-performance real-time solutions * Domain Expertise: **Automobile, Banking, Insurance, Healthcare, Retail, Logistics & Travel** * Recognized for utilizing the expertise by understanding business requirements, building analytics environments, implementing information solutions, proposing new data models, completing business intelligence projects, and improving process flow by proposing IT solutions * Received Best Project Delivery Manager Award, Syntel Consulting Inc., 2016 * Achieved Best Project Manager – “On The Spot Award”, Tata Consultancy Services, 2012 * Excels in Machine Learning, Deep Learning and Predictive Analytics techniques * Managed portfolios **P&L** **worth >$20M;** through effective negotiation, communication along with exemplary leadership skills and technical debt * Enabled multiple scrum teams to achieve highest levels of optimization and collaboration through coaching and implementing the best agile practices * Expertise in end-to-end project planning & implementation including scope management, activity sequencing, cost estimation, risk management and quality management in line with set guidelines & norms * Resourceful in designing, developing and implementing Web based Projects * Played critical role in delivering a large and crucial predictive modelling scenario; skilled Big Data Analyst, established scalable, efficient, automated processes for model development & validation, model implementation and large-scale analysis * Directed end-to-end perfection across, Application Development & Maintenance, Troubleshooting, metrics tracking and various activities w.r.t. Project Management * An effective communicator with honed people management, relationship management, analytical & coordination skills * Honors Diploma in Software Technology in System Management (**HDM**) from NIIT, Chennai in 1997 * Master of Science - Physics (**Electronics)** from Bharathidasan University, Trichy in 1995 * Bachelor of Science - Physics (**Electronics**) from Bharathidasan University, Trichy in 1993   **Technical**   * Oracle Certified Java Professional **(OCJP)** * CCA Spark and Hadoop Developer **(CCA)** * Aviatrix Certified Engineer – Multi-Cloud Networking Associate **(MCNA)** * AWS Certified Solution Architect - Associate **(SAA)** * Google Cloud Certified Professional Cloud Architect **(GCP)** * Microsoft Azure Architect Technologies **(MCP)**   **Process**   * Certified Scrum Professional **(CSP-SM)** * ICAgile Certified Professional in Agile Coaching **(ICP-ACC)** * SAFe 5 Certified Program Consultant **(SPC 5)** |
| career24x24icons Career Timeline | |
| **2014-2017**  **2011-2014**  **2008-2010**  ASAP, Bengaluru  Atos Technologies, Bengaluru  Tata Consultancy Services, Bengaluru  **2017-Present**  **2003-2007**  **2002-2003**  **1997-2002**  Alten Calsoft, Chennai  Thirdware Consulting, Chennai  Lambent Soft System, Chennai  Radiant Software, Chennai | |
| Z:\Approved_ResDev_Repository\Formats\Visual Resume Formats 2015-16\Icons\Training-Attended24x24icons.pngTechnical Skills   * **Big Data Ecosystem:** Hadoop, Hive, Flume, MapReduce, Spark, Pig, HBase, Cassandra, Oozie, Kafka, AWS, Zookeeper, Pig Latin * **Languages:** Python, Scala, Java, Nodejs, Angular.js, HTML, CSS, JavaScript * **Software:** Apache, Nginx * **Database:** Oracle, MySQL, MongoDB, Neo4J * **Deep Learning Frameworks:** Tensorflow, Keras, Caffe, Torch, PyTorch, Deeplearning4j, MXNet, Microsoft Cognitive, Toolkit, Neural Network Deepdive via Tensorflow, Convolutional & Recurrent Neural Networks, Restricted Boltzmann Machine (RBM), Autoencoders, Tflearn, Keras, Deep Networks * **Statistics/Machine Learning:** Statistical Analysis, Linear/Logistic Regression, SVM, PCA, Ensemble Trees, Random Forests, Clustering, Graph Theory, Recommenders, Regularizations * **Python Libraries:** Scikit-Learn, Numpy, SciPy, Pandas, NLTK, BeautifulSoup, Matplotlib, Statsmodels, Jupyter Notebook * **Tools/Languages:** Spark, Python, Scala, Hive, SQL, SAS, Tableau, SPSS, Hadoop, Stata, Google Analytics * **Cloud:** Amazon AWS (Computing Services, Storage Services, Database Services, Security, Identity Services: IAM, KMS, Networking Services & Management Tools), Microsoft Azure, Cloudstack, Openstack * **DevOps Tools:** Git, Packer, Jenkins, Ansible, Chef, Puppet, Docker * **Visualization Tools:** VMware, Xenserver, Microsoft Hyper-V, ggplot, Tableau Scripting, Qlikview * **Database:** Oracle 9i/10g/11g, MS SQL Server, MySQL, PostgreSQL * **Web/Application Servers:** Tomcat, IIS Server   exp24x24icons Work Experience  **Apr’17 - Present with ASAP, Bengaluru**  **Engineering Leader**  *(Engaged with multiple teams and help them on need basis for Product Development; collaborated with multiple client organizations in varying capacities helping them unleash full potential in delivering customer values and RFP process; collected training need across verticals, identified gap analysis between client and team members across the organization and eLearning adoption to the employees in process and technology)*  **Jul'14 - Apr'17 with Atos Technologies, Bengaluru**  **Senior Delivery Manager | Senior Architect**  *(Managed deliveries for multiple Syntel clients; achieved several repeat orders and up-sell opportunities worth10's of millions of Dollars; also helped to put team in the “Wall of Fame” of Syntel Incorporation)*  **Sep'11 - Jul'14 with Tata Consultancy Services, Bengaluru**  **Project Manager | Solution Architect**  *(Liaison between the clients of TCS & my technical teams; solutioning complex technology problems; rated as the best Project Manager for the year 2012)*  **Key Result Areas:**   * Ensuring the successful delivery of emerging big data solutions and defining strategy, principles, vision, and standards; providing advisory services around the data frameworks, governance, and quality * Simulating, designing, developing & deploying computationally complex and practical data; building and delivering comprehensive data strategy roadmaps; ensuring final deliverables are of the highest quality * Forming alliances with department managers on projects, operational decisions, scheduling requirements/conflicts, and vendor contract clarification; leading the development of enterprise technology standards, governance processes, and performance metrics to ensure company delivers value * Developing project baselines, monitoring & controlling projects with respect to cost, resource deployment, time overruns and quality compliance to ensure satisfactory execution of projects * Setting up project communication channels across various horizons of the organization structure * Scheduling & monitoring resources; monitored project status during the course of periodic project meetings * Participating in project meetings for evaluating project progress and providing technical inputs * Interacting with team members for ensuring smooth progress of project work; ensuring adherence to quality norms throughout the implementation process * Engaging with multiple teams and helping them on need basis for Product Development * Analysing & reviewing business, functional and high-level technical requirements; designing detailed technical components for complex applications utilizing high-level architecture, design patterns and reusable code * Programming code independently for intermediate to complex modules following development standards; planning and conducting code reviews for changes and enhancements that ensure standards compliance and systems interoperability * Creating test plans for module-level integration and tracking/resolving defects; identifying code support issues, action resolutions, and providing technical assistance for moderately complex problems; preparing and packaging production-ready code modules for staging; following documentation and development standards * Administering end-to-end of projects from the stage of initiation till monitoring & control and closure including planning, estimation & scheduling, updating information to all stakeholders, integrating change control, controlling base lines, planning risk responses and contingency planning * Implementing project plans within preset budgets and deadlines; monitoring and reporting on project progress * Studying source systems and process of existing data warehouse; understanding user requirements; preparing technical specification document into the Data Model and building aggregates to support users in strategic decision-making * Managing feasibility study of all technology related requirements, migration to new database, applications * Monitoring the project delivery team structure is adequate and enforces compliance, best practices, approach & direction for the technical aspects of the organization's practice; providing technical leadership to fellow team members   **May’08 – Dec’10 with Thirdware Consulting, Chennai**  **Project Lead**  *(Worked as a Scrum Master and Project Lead; developed Java, J2EE, .Net & SharePoint applications; worked with several internal and external teams helped them continuously advancing individual team member capabilities, ensured growth of overall team’s throughput and effectiveness)*  **Dec’03 – Oct’07 with Alten Calsoft, Chennai**  **Senior Software Programmer**  *(Designed and developed Healthcare modules such as “Patient Management, Radiology and Clinical Research” for Heathland & American Health Net clients; collaborated with build and deployment teams to ensure timely releases of High-Quality Artifacts)*  **Feb’02 – Dec’03 with Lambent Soft System, Chennai**  **Software Engineer**  *(Worked as a part of the Citibank Secured On-Line Banking Team, worked on development of “savings account module” which was the core of the entire banking solutions; this helped me get deep understanding of the banking domain and several practices around it. As the banking system was highly database intensive; worked closely with database engineering team in performance tuning of the oracle databases to reduce response time)*  **Dec’97 – Jan’02 with Radiant Software, Chennai**  **Assistant Manager - Learning & Development**  *(Helped students with their project initiatives which included development of software in Java, J2EE Platforms.; assisted corporate teams to develop innovative learning materials and computer-based training videos; facilitated several corporate trainings in the Java and Oracle technologies)*  personaldetails24x24icons Personal Details  **Date of Birth:** 04th May 1972  **Languages Known:** English and Tamil  **Address:** #101, Sri Rajeshwari Residency 35th, Main, 7th Cross; BTM 2nd Stage, Bangalore - 68  **Permanent Address:** Plot C, Nandana Residency, # 37 Manthoppu Street, Siruseri, Chennai 600130  **Passport Details:** N2754662; Valid Till: 06/09/ 2025  ***Please refer Annexure for Project Details*** | |
| **ANNEXURE**  Projects  **Cloud & DevOps Leadership**  **Environment:** ***Amazon Webservices***  Porting the client’s infrastructure to AWS using various services like VPC, EC2, Auto scaling, ELB, SNS, Security, AWS Services EC2, RDS, EBS, S3, Amazon VPC, Route53, ELB, CloudWatch, Cloud Formation, Auto Scaling, SNS, CloudTrail, IAM  **Environment:** AWS Cloud  **Technology:** VPC, EC2, Auto scaling, ELB, SNS, Security, AWS Services EC2, RDS, EBS, S3, Amazon VPC, Route53, ELB, CloudWatch, Cloud Formation, Auto Scaling, SNS, CloudTrail, IAM  ***AWS Setup & Architecture***   * Evaluated various proposals & recommended the best technical solutions to migrate the application to AWS * Designed the architecture and created the Cloud Formation template to facilitate deployment * Provided complete Infrastructure solution to Clients including end-to-end configuration and BOM of Server & Storage components   ***Cloud Management & Troubleshooting***   * Deployed the Elastic Load Balancer & configured HTTPS certificates * Deployed, managed and maintained scalable & highly available systems on AWS * Setup a VPC environment & designed an effective backup strategy based on client requirements * Monitored production applications on AWS & initiated corrective actions based on customer feedback & surveys * Complied with the established software development life cycle methodology to deliver effective solutions   ***User Authentication & Access***   * Implemented Single SignOn LDAP Authentication for Users by employing AWS AD connector * Employed IAM to create & control AWS users & groups access to AWS services and resources   ***Stakeholder Management***   * Collaborated with onsite/offshore development resources from delivery partners to develop & test integrated solutions * Coordinated with a team of 5 Developers to initiate Advance procedures, triggers, functions, Indexes & exception managing * Liaised with the QA team to optimise queries by creating various clustered and non-clustered indexes   **Environment:** ***Google Cloud Platform***  Migrating from OnPrem to GCP using various GCP services such as Compute, Storage, Networking, Bigdata & Cloud AI  **Responsibilities**   * Designed & developed scalable, highly available, and fault tolerant systems on GCP * Successfully ported a legacy, on-premises application to GCP and achieved significant increase in availability * Responsible for selecting the appropriate GCP service based on data, compute, database, or security requirements * Estimating GCP costs and identifying cost control mechanisms * Analysed client requirements to define business strategy & determined system architecture requirements to achieve business goals * Organized end-user training & problem analysis for server, desktop, and IT infrastructure * Proactively monitored servers, devices, and applications to identify & rectify potential issues on time   **GCP Support**   * Created Virtual machine and Container Engine for Application hosting * Mapped Cloud IAM with custom roles * Implemented custom policies with role-based access control * VPC setting up: VPC Sharing, VPN Gateway with private IP Communication, Cloud DNS with static IP reservation, * Provisioned Cloud storage for storing images, Cloud SQL for RDBMS and executed Cloud Bigquery * Developed Big data capability with Bigtable and Bigquery, * Developed ETL jobs with Cloud Dataflow and Dataproc * Established the Logging and monitoring using Stackdriver * Terraform Scripts to build the Infrastructure   Porting the client’s infrastructure to AWS using various DevOps Tools  ***Environment:* *DevOps***  **Technology:**  *Jenkins, Atlassian Stash, Docker, Kubernetes, Ansible, Vagrant, Red Hat Satellite, Java, JSON, API, AWS and Azure*  **Performance Enhancement & Project Delivery**   * **Empowering** a **team of 15+** DevOps Engineers to initiate & implement automation for executing **complex pipelines** * Collaborating with internal team members and departments to **spread** the **culture of DevOps** across the floor * Coordinating with Developers & QA to **assess performance** & direct **Continuous Performance Management** via Scala & JVM * Ensuring **timely project delivery** by liaising with key stakeholders, Development Architects/Managers & developers * Facilitating a **feedback loop** for developers by developing **quality frameworks** to enhance contribution & **boost quality**   **Stakeholder Management & Workflow Optimization**   * Rendering support to engineering teams to conceptualize and deliver **client-centric solutions** * **Assisting** the **Release Manager** and Development teams to **deploy software releases** * Handling & prioritizing workflow based on departmental and organizational priorities   **Configuration Management & Automation**   * Providing continuous assistance in **model database management**, configuration management & simulation runs * Assisting the Development teams for executing various automation and configuration tasks * Developing & enhancing tools for continuous integration, automated testing and **release management** * Designing, developing and **enhancing operational processes** including automated backup and recovery procedures, security and **patch management**   **Pipeline Management & Deployment**   * Deploying knowledge of networks, compute, cloud, **virtualization**, **network infrastructure**, telecom networks, circuits, data-center technologies and best practices * Rendering expertise in developing code to implement **analytical trending** and **modeling** for providing predictive results * Training and mentoring developers, quality engineers, system engineers and **project/product managers** * Creating, developing & managing the **deployment architecture** for various applications   **Data Integrity & Management**   * Facilitating **SSL encrypted** communications between **Tomcat 7 servers** and **Apache front-end** * Developing Apache 2.2 SSL proxy front-end **proof of concept** by conducting research & coordinating with internal teams * Ensuring idempotency of KRFS DevOps BASH scripts * **Redacting sensitive data** from Apache access and error logs by developing **BASH scripts** * Simultaneously utilizing a **sed expression** and deploying **WAR files** across multiple environments in parallel   **Key Achievements**   * Achieved a **cost reduction** of **30%** in admin time by creating **Ansible scripts** & achieved a **27% reduction** in **bugs** * Liaised with **20+ vendors** and conducted performance appraisals to **reduce company costs by 20%** * Enabled rapid business expansion and **tripled user growth** by monitoring & modifying company-wide email system   **Big Data Strategy & Leadership**   * Led 25+ Analysts to administer Cloudera & analyze virtual machine requirements for implementing Big Data solutions * Defined the road-map in innovative technology space, developed process frameworks & led data migration on Hadoop * Managed end-to-end enablement and acceleration from new business development to solution execution * Analyzing business requirements to formulate strategies for implementation of Big Data initiatives   ***Hadoop Cluster Management***   * Rendered technical guidance during SDLC for Java enterprise applications & played a key role in impact assessments * Enhanced data processing and storage throughput via Hadoop framework across a cluster of 25 nodes   ***Performance Optimization***   * Utilized Unix Scripting to drive automation of recurring manual activities as part of Project Monitoring & Operations * Optimized Hive and HBase queries & enhanced performance by deploying Partitioning & Bucketing techniques in Hive   ***ML Algorithms & Proof of Concept***   * Applied Machine Learning algorithms for identifying the most significant features across multiple datasets * Led Proof of Concept (POC) initiatives to examine different traditional and Big data reporting tools * Prepared architectures and blueprints for implementing Big Data initiatives & evaluated use cases and proof of concepts   ***Reporting & Documentation***   * Deployed Splunk for generating & updating reports/queries & recommended upgrades for existing Hadoop cluster * Documented logical and software architecture & created the real time analytics & ingestion platform using Storm and Kafka   **Artificial Intelligence & Leadership**  ***ML Models & Application Development***   * Initiated new products in the domain of customer experience management, contextual & real-time marketing, and so on * Utilized Deep Learning packages like Tensorflow, H2O, lighGBM. Theano, Spark MLlib, and so on to develop ML models * Created language models from text data & developed an autonomous Chat-bot based system * Gathered and synthesized requirements, formulated effective roadmaps & optimized the quality of algorithms * Developed scalable classifiers and tools by deploying Machine Learning, data regression and rule- based models   ***Predictive Modeling & Scalable Solutions***   * Deployed Predictive Modeling techniques including ML & advanced statistics to conceptualize scalable business solutions * Developed and deployed a state of the art 4-layer neural network * Processed terabytes of data via Machine Learning & Predictive Modeling to develop dynamic solutions * Successfully trained the neural network through unsupervised learning with multiple terabytes of data * Developed state-of-the-art large-scale ML Services & Applications on the Cloud by applying predictive technology * Included a spectrum of domains to include areas like Amazon Retail, Seller Services, Customer Service and so on   ***Data Processing & Project Management***   * Processed structured/unstructured data & gained insights by leveraging predictive modeling, statistics, ML & data mining * Independently executed project life cycle management to implement scalable ML solutions & document results   ***Key Achievements***   * Led a team of 5 engineers to deploy ML/DL methodologies & effectively execute projects worth INR 120 million   **Java Leadership**  ***Product & Application Development***   * Led a team of 50 Developers to design, develop, test, deploy and maintain web applications on J2EE, Spring Boot & Micro service environments * Spearheaded initial design and development of new software and led extensive software revisions * Championed the development effort and positioned a key US-based project from red (critical) to green in 3 months * Created API calls over web services on a separate application to process legal instruments for business loan products * Led end-to-end development activities for the Adjustable-Rate Mortgage application to determine high risk mortgages   ***Testing & Agile Methodologies***   * Directed automated testing & rendered direct support of existing software systems during full lifecycle development * Deployed Agile methodologies and designed and produced releases of software components * Played a key role in various Scrum ceremonies such as story grooming, sprint planning sessions and so on   ***Stakeholder Management & Performance Optimization***   * Coordinated with 10+ GUI developers to complete site enhancements suggested by the Usability department * Liaised with the System team to reduce response time & enhance performance metrics for boosting quality of service * Administered Server upgrades & code migrations, & gathered business requirements to initiate enhancements * Identified technical risks & recommended alternate solutions to various problems   ***Coding/Scripting & Documentation***   * Created & executed Shell scripts and PL/SQL on a daily basis for refreshing data feeds from multiple systems * Worked on multiple Java environments including J2SE, J2EE, Spring 5.0, Hibernate and so on * Documented recovery plans & defined processes in a high-availability architecture for meeting development needs * Directed requirement gathering meetings & extensively analysed Use Cases, Entity-Relationship & Data Flow Models * Designed algorithms and codes by deploying Object-Oriented Design methodology & various design patterns   ***Key Achievements***   * Selected to receive the Best Project Manager Award for leading the data migration process & boosting performance by 8x * Simultaneously delivered 7 applications & re-engineered applications to improve performance from 900 ms to 110 ms * Successfully delivered a total of 10 web and web services applications in a span of 2 years | |