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|  | **SRIDEVI RAVIPATI**  **Senior SRE(AWS Cloud) @ Singtel, Singapore** | <https://www.linkedin.com/in/sridevi-ravipati-2409/>  schsridevi.ravipati@gmail.com  +65-8223 8629 (Primary)  +91-76748 25462(WhatsApp) |  |
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| **PORTIFOLIO**  **12+** years of professional experience as a Cloud / Infra expert **(AWS, Kubernetes, Go, Python, Docker, Terraform, AWS CDK, Java)** in analysis, design, development, deployment and troubleshooting of various Telecom, Retail, Banking and Healthcare applications.  **CERTIFICATIONS**   * Certified **Terraform** Associate * Certified **AWS** Solution Architect * Certified **Kubernetes Application Developer (CKAD)** andCertified **Kubernetes Administrator** * **TIBCO BW5 / Mulesoft 4** Certified Professional   **TECHNICAL SKILLS**   * **Kubernetes**, **Docker**, **Terraform**, **Bamboo**, **Maven**, **Puppet, Jenkins** * Core **Java** 11, Restful services, **Spring Boot**, **Data Structures and Algorithms**, **Python, Go** * Oracle, MySQL, Cassandra, UNIX * JMeter, SOAPUI, POSTMAN, GIT * **AWS**, **CDK**, **EKS**, **Shell script**, PCF, Grafana, **AMQ**, **IBM MQ,** Kafka, Cron Scheduler * **Helm, Karpenter, Trivy, kyverno** * **Integration -** TIBCO BW 5, MuleSoft 4   **AWARDS & RECOGNITION**   * Received **OnTheSpot award** for **excellence in work** and cost reduction for client in TCS * Received Star of the month award for **service and co-operation in TIBCO Profile upgrade** in TCS * Received Start of the moment award for **providing high quality of service to partners** in TESCO * Received excellence award for **outstanding contribution** in HCL * Received **Certificate of Excellence** award for developing **Test Automation tool** in DBS   **LEARNING & INNOVATION**   * Developed self-service API’s to offer automated **Kong** **API Gateway** to application users. * Developed **Log Viewer** and **SOI Utility** tool to fetch logs across domain/regions and ease day to day activities. * **Explore new technologies** to suit organization's roadmap * Migrated TIBCO services to **MuleSoft** API’s * Developed **AWS CDK self-service pipeline** for RDS Proxy, toolbox, puppet agents and server | **PROFESSIONAL SUMMARY**   * 12+ years of progressive work experience in developing highly distributed applications and solid experience in automate, design, build and deploy apps. * Solid working experience in service-oriented technologies to be able to understand service interdependencies and drive towards technical solutions for multi-tiered systems. * Significant working experience with customers, project managers and technical teams for executing concurrent multi-technology projects * Strong working knowledge and ability to apply architecture concepts, frameworks and methodologies to projects * Mentoring development squads on Kubernetes, cloud engineering, cloud native best practices * Write high quality and testable code following clean code and SOLID principles. * Proficient with Public Cloud Technology AWS, Terraform, Kubernetes * Good knowledge in AWS services: EC2, ECS, S3, EKS, CDK, Lambda, IAM, Secrets Manager, Step Functions, CloudWatch, CloudTrail, Glue, RDS and lake formation * Hands-on experience in Designing and developing EAI Solutions using TIBCO Suite & Involved in all the phases of SDLC * Strong Computer science fundamentals in algorithms and data structures * Extensively worked on API Gateway offerings like Kong and APIGEE * Proficient working experience in Monolith, SOA and micro-services architecture * Proficient in Terraform modules and templates to provision AWS infrastructure * Understanding of managing the networking and security aspects around architecture to drive performance improvements and stability. * Good knowledge on relational database, Oracle, Postgres and NoSQL, Cassandra * Strong experience in agile methodologies, test driven development and XP * Worked on different software methodologies like Waterfall, Agile and Have solid experience in Development and production support. * Lead and mentor junior engineers to deliver high-quality code and projects. * Excellent understanding of project issues, ability to work independently or as a part of a team * Self-driven & motivated, with a strong work ethic & technical background and a passion for problem solving.   **WORKEXPERIENCE**  **Senior SRE (Cloud/DevOps) 10 Apr 2023 – Till Date**  Singtel, Singapore  Involved in AWS EKS production grade end to end automation of cluster and application deployment management via AWS CDK(Go), terraform and shell scripting **Senior Consultant 11 Apr 2022 – 31 Mar 2023**  Thoughtworks, Hyderabad  Working in a mesh experience squad to deliver infra and data mesh solutions. Skills include python, AWS, terraform, Collibra and starburst.  **Senior Associate Dec 2020 – Apr 2022**  JPMorgan Chase & Co, Hyderabad  Worked as an Infrastructure Developer and Experienced in designing and developing microservices.  **Senior Development Engineer May 2017 – Dec 2020**  DBS Asia Hub 2, Hyderabad  Worked as a Senior Developer and Experienced in designing and developing REST, SOAP, BATCH and Messaging Services  **Consultant Sep 2015 - May 2017**  HCL Technologies, Hyderabad  Worked as a Lead Developer and experience in designing and developing integration services.  **Software Engineer  Apr 2014 - Jun 2015**  TESCO, Bangalore  Worked as a Developer and Production Support Specialist for marketplace partners and helped them onboard using SOAP and EMS based services  **Systems Engineer Mar 2012 - Apr 2014**  Tata Consultancy Services, Chennai  Worked as Developer for Nielsen Client and helped them to migrate TIBCO services to latest versions  **EDUCATION**  **B.Tech Computer Science 2008 - 2011**  Godavari Institute of Engineering and Technology  **Diploma in Computer Science 2005 – 2008**  Andhra Polytechnic |

**PROJECT DETAILS**

Project # 1: Enabling Platforms - Singtel

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| **Roles & Responsibilities** | Responsible for building and deploying cloud native application on the AWS EKS  Experienced in working in an SRE team and part of its maturity journey  Mentoring development squads on Kubernetes, cloud engineering and cloud native best practices  Developed end to end pipelines for RDS proxy, ServiceNow mid server, toolbox and other self service capabilities needed for development squads  Proficiency with Git, including branching/merging strategies, Pull Requests, and CLI functionalities  Experienced working with using certificates for message signing and mutual TLS Proficiency with CI/CD on deployment, management, and monitoring of applications Supporting production incidents and provide permanents corrective actions to development squads.  Configured end to end pipeline for puppet server and clients setup in AWS Cloud |
| **Tools / Skills** | Kubernetes, AWS EKS, AWS CDK (Go, Python), Helm, Docker, Terraform, Puppet, Bamboo, Karpenter, Trivy, Kyverno, Git, AWS, Shell Scripting |

Project # 2: Data Product Mesh Experience – Gilead - Thoughtworks

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| **Roles & Responsibilities** | Make sure product features get delivered within timeline and with consistent high quality.  Ensure code quality standards are met through clean code, & high test coverage.  Responsible for features from state “Dev Done” to “Deployed-To-Prod” path.  Upscaling technical and consulting skills while working on project delivery.  Consider any problem/solution as an opportunity to have knowledge sharing with Team.  Proactive lead on tech stories, driving solution/discussions, in-depth research if required.  Consider having a higher level picture for the project instead of focusing on just a single story.  Developed a self-service data product registration API to automate publish data products publishment to Collibra and Starburst tools  Proficiency with Git, including branching/merging strategies, Pull Requests, and CLI functionalities  Proficient in terraform to provision AWS infrastructure  Proficiency with CI/CD on deployment, management, and monitoring of applications  Big picture thinking and understanding the business needs  Worked in Agile scrum methodologies |
| **Tools / Skills** | Python, TDD, Terraform, Collibra, Starburst, AWS Skills – S3, lambda, CloudWatch, step functions, glue, RDS, lake formation, IAM, secrets manager, Git, GitHub actions |

Project #3: GTI - API Management - JPMC

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| **Roles & Responsibilities** | Experienced in designing, developing solutions in Spring Boot applications to ensure optimum performance, high availability and stability Troubleshoot and fix, performance, availability and reliability issues. Strong knowledge in doing performance testing tool using JMeter  Strong understanding in design, develop, and configure APIs (Rest and Soap) and policies using API Gateways / Management products. Hands-on experience for REST and SOAP Web Services, JSON, XML and YAML Developed self-service API’s to offer KONG API gateway to application users.  Familiar with using certificates for message signing and mutual TLS Worked with other technical teams in an organization to setup CI/CD, Analytics, Storage and get the infrastructure provisioned Worked on monitoring and observability tools to keep our self-service API’s available all the time and get notified with alerts via emails for any issue Worked in Agile Kanban process. |
| **Tools / Skills** | Java 11, Spring Boot, Kubernetes, Kong, APIGEE, Terraform, AWS, Jenkins, Postman, JMeter, Unix, Grafana, APICA, Maven |

Project # 4: Future Ready API Management - DBS

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| **Roles & Responsibilities** | Gather requirements from Client / Business Analyst  Understand the requirements and prepare the design document.  Ensure designs are following with specifications.  Mentors the development of resources which includes reviewing designs and perform code reviews Involve in development activity, such as coding, unit testing, integration testing, bug fixing and code review.  Writing clean, high-quality, high-performance, maintainable code  Developed high volume, low latency applications with high availability and great performance.  Migrated TIBCO applications to JAVA Spring boot micro services.  Understand the impact of problem, minimize risk to service and strive for continuous improvement Worked in Agile environment.  Created / Developed tools using Python for team to reduce the effort and increase productivity |

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| **Tools / Skills** | TIBCO BW,TIBCO EMS,TIBCO Administrator, AWS, SOAP UI, Java8, Spring Boot, Python, JENKINS, Postman, Unix, Shell Scripting, IBM MQ, IBM Tivoli Workload Scheduler |

Project # 5: RIB / RMB - DBS

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| **Roles &**  **Responsibilities** | Worked as a Senior middleware developer.  Responsible for coding, unit testing, application support, bug fixing and deliver tasks assigned as per predefined timelines and quality standards.  Design and develop Web services in SOAP and REST. Created various XSD, X-Path transformations.  Understand the impact of problem, minimize risk to service and strive for continuous improvement.  Worked in Agile distributed team environment. |
| **Tools / Skills** | TIBCO Business Works, Jenkins, Python, EMS, TIBCO Administrator, Unix, Python |

Project #6: FedEx and UTI Logistics - HCL

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| **Roles &**  **Responsibilities** | Worked as a Developer and Production support senior consultant. Responsible for coding, unit testing, application support, bug fixing and deliver tasks assigned as per predefined timelines and quality standards. Design and develop Web services in SOAP and REST. Created various XSD, X-Path transformations. Understand the impact of problem, minimize risk to service and strive for continuous improvement.  Responsible for proactive monitoring and reduce the production issues and increase the productivity of application.  Worked in Agile distributed team environment. |
| **Tools / Skills** | TIBCO Business works, Business Connect, Oracle, SVN, SOAP UI, Classic Administrator, SQL, PL/SQL |

Project # 7: Marketplace - TESCO

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| **Roles &**  **Responsibilities** | Worked in development and prod support team.  Responsible for coding, unit testing, application support, bug fixing and deliver tasks assigned as per predefined timelines and quality standards.  Problem analyzing and providing the solutions in production and staging environments.  Design and develop Web services over HTTP/JMS.  Create XML Schema and WSDL in XMLSpy.  Worked according to different time-zones for deployment and production support activities.  Worked on Administrative activities like Deployment, fine tuning, and writing HRB.  Analyzed and worked on Change Requests and Incident Requests  Developed Exception & Logging framework.  Worked in Agile distributed team environment |
| **Tools / Skills** | TIBCO Business works, EMS, GEMS, Business Connect, Oracle, TFS, SOAP UI, Fiddler, Altova XMLSPY, AMX Administrator, Classic Administrator, Hawk, SQL, PL/SQL |

Project # 8: Nielsen Projects – TCS

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| **Project Name** | Inbound File Transfer |
| **Roles &**  **Responsibilities** | Developed UNIX shell scripts and EMEA scripts to unzip, decrypt and rename the received Inbound files.  Documentation maintenance  Worked with teams spread across different geographies.  Configuring Business Connect Partners, Agreements and operations in TIBCO Administrator |
| **Project Name** | Whirlpool TIBCO |
| **Roles& Responsibilities** | Involved in design, development and deployment.  Development of Process Definitions using TIBCO Business Works.  Created ECS and XSD files for operations using Edifices spec builder tool.  Created SEF, XSD and MAP files for operations using Foresight EDISIM tool.  Configuring BC Partners, Agreements and operations in TIBCO Administrator.  Creation of Unit test cases for the development  Deployment of EAR in TIBCO Administrator |
| **Project Name** | Data Receipt Notification |
| **Roles &**  **Responsibilities** | Involved in development and deployment.  Involved in the implementation of TIBCO BW processes.  Migrated applications in TIBCO BW 5.8 to 5.12 version  Involved in unit testing of various BW services and interfaces.  Created database tables in SQL Server 2008.  Preparing test summaries and reports.  Deployment of EAR files in TIBCO Administrator. |
| **Tools / Skills** | TIBCO BW, TIBCO EMS, SQL SERVER, UNIX, TIBCO BW, TIBCO Business Connect, TIBCO EMS, TIBCO Administrator, Foresight EDISIM, Edifecs spec builder, Unix, Core Java |

**PERSONAL PROFILE**

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| **Name** | S CH SRIDEVI RAVIPATI | **Indian Passport** | Valid till 2032 |
| **Work Visa Type in Singapore** | Employment Pass | **Address** | Serangoon, Singapore. |