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| SRIDEVI RAVIPATISenior SRE / DevOps / Platform Engineer / EAI | | | | | | | | | | | | |
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| ****PROFESSIONAL SUMMARY**** | | | | | | | | | |  | |  |
| CERTIFICATIONS |
| Results-driven Senior Site Reliability Engineer / DevOps / Platform Engineer / EAI with 12+ years of experience architecting, automating, and optimizing mission-critical deployments in AWS cloud environments. Expert in Kubernetes, terraform, docker, TIBCO BW 5.X and CI/CD pipelines. Proven track record of leading cross-functional teams, mentoring engineers, and delivering robust, scalable cloud-native solutions for telecom, banking, and healthcare domains. Recognized for driving cost reduction, operational excellence, and high availability through automation and infrastructure as code. | | | | | | | | | |  | | * AWS Certified Solutions Architect Associate * Kubernetes Certified Network Associate * Kubernetes Certified Security Associate * Certified Kubernetes Application Developer * Certified Kubernetes Administrator * Certified Terraform Associate * Tibco BW5 / Mulesoft 4 Certified Professional  AWARDS & RECOGNITION  * **Certificate Of Achievement** - Outstanding Contribution (Singtel) * **On the spot Award** – Cost Reduction (TCS) * **Star of the Month** – Service Excellence (TCS) * **Excellence Award** – Outstanding Contribution (HCL) * **Certificate Of Excellence** – Test Automation (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 **Java Springtboot** API’s * Involved in AWS EKS production grade **end to end automation of cluster and application deployment** management  EDUCATION  * **B.Tech, Computer Science** Godavari Institute of Engineering and Technology | 2008 – 2011 * **Diploma, Computer Science** Andhra Polytechnic | 2005 – 2008  ADDITIONAL DETAILS  * **Visa Type**: Employment Pass [Sponsored by Singtel] |
| Key PROJECTS | | | | | | | | | |
| * AWS EKS Automation: Designed and implemented end-to-end automation for EKS cluster lifecycle management and application deployments, leveraging AWS CDK, terraform, and shell scripting. * Data Mesh Platform: Built self-service API’s for data product registration and automated integration with Collibra and Starburst, reducing onboarding time by 50%. * API Management Modernization: Migrated legacy TIBCO services to microservices architecture using java spring boot. * Monitoring & Observability: Enhanced monitoring, alerting, and log aggregation, resulting in a 30% reduction in mean time to detect (MTTD) and resolve (MTTR) incidents. | | | | | | | | | |
| CORE SKILLS | | | | | | | | | |
| * **Cloud Platforms:** AWS (EC2, EKS, ECS, S3, Lambda, RDS, IAM, Cloudwatch, Cloudtrail, Glue, Secrets Manager, Step Functions, Lake Formation), PCF * **Containerization & Orchestration:** Kubernetes, Docker, Helm, Karpenter * **Infrastructure As Code:** Terraform, AWS CDK (Go, Python), Puppet * **CI/CD & Automation:** Jenkins, Bamboo, Github Actions, Maven, Shell Scripting * **Programming Languages:** Go, Python, Java (Core Java 11, Spring Boot), Shell * **Monitoring & Observability:** Grafana, Trivy, Kyverno, Apica * **API Management:** Kong, APIGEE, * **Databases:** Oracle, Mysql, PostgreSQL, Cassandra, SQL Server * **Messaging & Integration:** Mulesoft 4, TIBCO BW 5, Kafka, IBM MQ, AMQ, EMS, SOAP, REST * **Testing & Tools:** JMeter, SOAPUI, Postman, GIT, Unix * **Agile Methodologies:** Scrum, Kanban, XP, TDD | | | | | | | | | |

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| Professional Experience |
| **Senior SRE (Cloud/DevOps)** | **Singtel, Singapore** | Apr 2023 – Present   * Architected and automated AWS EKS production clusters and application deployments leveraging AWS CDK (Go), Terraform, and Shell scripting, achieving a 40% improvement in deployment speed. * Led cloud-native application build and deployment on AWS EKS, driving scalability and high availability. * Championed SRE team maturity initiatives, elevating operational excellence and system reliability. * Developed and maintained CI/CD pipelines, reducing manual errors and accelerating release cadence. * Optimized monitoring and alerting frameworks using Grafana and custom tools, decreasing incident response times by 30%. * Mentored cross-functional development teams on Kubernetes, infrastructure automation, and cloud-native best practices. * Directed efforts to enhance system reliability, fault tolerance, and cost optimization within AWS environments.   **Senior Consultant |** **ThoughtWorks, Hyderabad | Apr 2022 – Mar 2023**   * Delivered high-quality product features with rigorous adherence to clean code principles and comprehensive test coverage, overseeing full feature lifecycle from development to production. * Facilitated technical design discussions and architectural reviews, fostering knowledge sharing and cross-team collaboration. * Developed a self-service API for data product registration automating workflows across Collibra and Starburst platforms, improving data governance and accessibility. * Utilized Git branching strategies, Terraform for AWS infrastructure provisioning, and automated CI/CD pipelines within Agile Scrum frameworks.   **Senior Associate** | **JPMorgan Chase & Co, Hyderabad | Dec 2020 – Apr 2022**   * Designed and implemented performant, scalable Spring Boot microservices supporting critical financial applications. * Built and maintained RESTful and SOAP APIs, incorporating API management policies using KONG Gateway. * Ensured secure communication via mutual TLS and digital certificate-based message signing. * Collaborated with DevOps and infrastructure teams to provision cloud resources, automate deployments, and implement observability solutions. * Participated actively in Agile Kanban teams, improving system uptime through robust monitoring and incident response.   **Senior Development Engineer** | **DBS Asia Hub 2, Hyderabad | May 2017 – Dec 2020**   * Led middleware development, translating business requirements into scalable Java Spring Boot microservices from legacy TIBCO applications. * Designed SOAP/REST Web Services, XSDs, and XPath transformations to enable seamless integration. * Conducted code reviews, unit and integration testing, ensuring high code quality and maintainability. * Mentored junior engineers and championed clean coding standards. * Automated internal workflows using Python scripts, increasing team productivity and reducing manual errors. * Operated effectively in distributed Agile environments with focus on continuous delivery and risk mitigation.   **Consultant** | **HCL Technologies, Hyderabad | Sep 2015 – May 2017**   * Developed and maintained SOAP and RESTful Web Services, crafting XSD and XPath components for enterprise integration. * Delivered production support with proactive monitoring to minimize downtime and improve service reliability. * Participated in Agile sprint planning, ensuring on-time delivery and quality standards. * Collaborated across distributed teams to deliver scalable integration solutions.   **Software Engineer** | **TESCO, Bangalore | Apr 2014 – Jun 2015**   * Developed and supported HTTP/JMS web services with XML Schema (XSD) and WSDL design. * Managed deployments and production support across multiple time zones, handling CRs and IRs efficiently. * Built exception handling and logging frameworks to enhance system robustness. * Worked in Agile distributed teams supporting global retail operations.   **Systems Engineer** | **Tata Consultancy Services, Chennai | Mar 2012 – Apr 2014**   * Automated UNIX shell scripting tasks, file handling, and client file transfers, significantly reducing manual effort. * Developed and optimized TIBCO BusinessWorks processes and migrated applications between BW versions. * Configured EDI-related artifacts using Edifecs SpecBuilder and managed B2B operations through TIBCO Administrator. * Executed unit testing, deployment, and production support activities within Agile global teams. |