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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 using AWS CDK (Go), Terraform, and shell scripting, improving deployment speed by 40%. * 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 * Implemented CI/CD pipelines, reducing manual deployment errors and increasing release frequency. * Optimized infrastructure monitoring and alerting with Grafana and custom tools, reducing incident response time by 30%. * Mentored development squads on cloud-native best practices, Kubernetes, and infrastructure automation. * Led SRE initiatives to enhance system reliability, high availability, and cost efficiency.   **Senior Consultant |** **ThoughtWorks, Hyderabad | Apr 2022 – Mar 2023**   * Ensured timely delivery of product features with consistent high quality by enforcing clean code practices and maintaining high test coverage; managed feature lifecycle from **“Dev Done” to “Deployed-To-Prod.”** * Led technical discussions and solution design with a proactive approach, encouraging knowledge sharing and maintaining a broad project perspective beyond individual tasks. * Developed a **self-service data product registration API** to automate publishing workflows for **Collibra** and **Starburst** platforms, enhancing data governance and availability. * Skilled in **Git** (branching, merging, pull requests), **Terraform** for AWS infrastructure provisioning, and **CI/CD pipelines** for deployment and monitoring; operated effectively within **Agile Scrum** teams.   **Senior Associate** | **JPMorgan Chase & Co, Hyderabad | Dec 2020 – Apr 2022**   * Designed and developed **Spring Boot microservices** with a focus on **performance**, **high availability**, and **stability**; resolved complex issues related to system reliability and scalability. * Built and maintained **REST and SOAP APIs** using **JSON, XML, and YAML**, and applied **API management policies** via tools such as **KONG API Gateway**; developed **self-service APIs** for internal consumers. * Conducted **performance testing** using **JMeter**, configured **mutual TLS**, and implemented **message signing** with digital certificates for secure API communication. * Collaborated with DevOps, CI/CD, and infrastructure teams to provision resources and enable monitoring using observability tools; ensured system uptime through alerting, incident response, and participation in **Agile Kanban workflows**.   **Senior Development Engineer** | **DBS Asia Hub 2, Hyderabad | May 2017 – Dec 2020**   * Served as a **Senior Middleware Developer**, gathering requirements from clients and Business Analysts, preparing design documents, and ensuring solutions aligned with technical specifications and business goals. * Designed and developed **SOAP/RESTful Web Services**, XSDs, and **XPath transformations**; migrated legacy **TIBCO applications** to **Java Spring Boot microservices**, enhancing system scalability and performance. * Led development activities including **coding, unit/integration testing, bug fixing**, and **code reviews**; mentored junior developers and enforced clean, maintainable, and high-performance coding practices. * Built internal tools using **Python** to automate repetitive tasks, reducing manual effort and increasing team productivity; worked in an **Agile distributed environment**, focused on continuous improvement and risk mitigation.   **Consultant** | **HCL Technologies, Hyderabad | Sep 2015 – May 2017**   * Worked as a **Developer and Production Support Senior Consultant**, responsible for **coding, unit testing, bug fixing**, and ensuring on-time delivery aligned with defined **quality standards**. * Designed and developed **SOAP and RESTful Web Services**; created and maintained **XSDs** and **XPath transformations** for seamless system integration and data exchange. * Proactively monitored applications to reduce production issues, assessed business impact, minimized service risk, and implemented continuous improvement strategies to enhance system **stability and productivity**. * Collaborated within a **distributed Agile team**, contributing to sprint planning, issue resolution, and delivery of scalable, reliable integration solutions.   **Software Engineer** | **TESCO, Bangalore | Apr 2014 – Jun 2015**   * Contributed to both **development and production support** teams, performing **coding, unit testing, bug fixing**, and **application maintenance** to ensure timely and high-quality deliverables. * Designed and developed **web services over HTTP/JMS**, and created **XML Schemas (XSD)** and **WSDLs** using **XMLSpy** for service interface definitions. * Managed deployments, **fine-tuning**, and production support across **multiple time zones**, handling **Change Requests (CRs)**, **Incident Requests (IRs)**, and writing **High-Level Requirement (HRB)** documentation. * Developed a robust **Exception and Logging framework** to enhance system reliability and error traceability; worked in an **Agile distributed team environment** supporting global business operations.   **Systems Engineer** | **Tata Consultancy Services, Chennai | Mar 2012 – Apr 2014**   * Developed and maintained **UNIX/EMEA shell scripts** to automate file handling tasks (unzip, decrypt, rename) and reduce manual intervention; automated file transfers for clients like **Nielsen**, enhancing operational efficiency. * Designed, implemented, and optimized **TIBCO BusinessWorks** (BW) processes and **Process Definitions** for enterprise integrations; migrated applications from **BW 5.8 to 5.12**, improving system compatibility and performance. * Created and configured **ECS, SEF, XSD, and MAP** files using **Edifecs SpecBuilder** and **Foresight EDISIM**; managed **BusinessConnect (BC) Partners**, Agreements, and operations in **TIBCO Administrator** for seamless B2B/EDI integration. * Conducted **unit testing**, deployed **EAR files** across dev/QA/prod environments, maintained **SQL Server 2008** database tables, and collaborated with globally distributed Agile teams for development, deployment, and production support. |