

SURESH KOTTUR

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CLOUD SOLUTIONS ARCHITECT



CERTIFICATIONS

- Prince 2 Practitioners
- ITIL V3 Foundation
- AWS Certified Solutions Architect – Associate
- AWS Certified Data Analytics - Specialty certificate
- AWS Certified Database - Specialty certificate
- Snow Pro Core Certificate
- WSO2 Certified Identity Server Practitioner - V5
- AWS Certified Machine Learning Specialty Certificate
- Certified ScrumMaster® (CSM®)
- AWS Certified Security – Specialty

SKILLS

- **AWS** – Aurora PostgreSQL, Dynamo DB, API Gateway, Lambda, S3, Cloud Front, Cloud Watch, Cognito, EC2 Instance, Redshift, Kinesis, Glue, Quick Sight

PROFILE

Experienced Data Architect / AWS Solution Architect well-versed in defining requirements, planning solutions, and implementing structures at the enterprise level.

Analytical problem-solver with a detail-oriented and methodical approach. Prepared to offer five years of related experience to a dynamic new position with room for advancement. Background includes data mining, warehousing, and analytics.

Quality-driven and hardworking with excellent communication and project management skills. Skilled business solutions technology professional offering an in-depth understanding of securing and leveraging data resources Accomplished in building brand new systems that meet complex business requirements.

WORK EXPERIENCE

BMW Americas (V-Soft Consulting Services – Remote)
Cloud Solutions Architect
Jan 2023 – Till Date

Project: On Boarding Tableau Application into Cloud
Client: BMW Americas, Remote

Description: BMW Visualization team is supporting multiple Data visualization platform and team wants to migrate On-Premises application into Clod platform. Design the cloud platform architecture and strategy plan to rollout the changes. Assess the on-premises application challenges, cloud compatibility and propose solution to accommodate the maximum functionalities. Involved in Cloud budgeting and cost estimation.

Tech Mahindra
AWS Solutions Architect / Data Architect
Aug-2017 – Jan 2023

Project: ICAR/NCAR, Oracle OCI to Aurora PostgreSQL Migration
Client: Nissan North America, Franklin, TN

Description: Infiniti has developed and launched an innovative retail sales and service app for its retailers. Called ICAR-X/NCAR-X, for "Infiniti / Nissan Client Acquisition and Retention Experience," the new app streamlines the car-buying process.

ICAR/NCAR Dealer Sales Process through tablet based application

- Greeting & Welcome
- Consultation
- Vehicle Presentation and demonstrative Drive
- Investment Proposal (trade and negotiation Tool)
- Financial Transaction(Warranty, Accessories, Services)
- Delivery and Sales to Service Handoff.

- **DevOps** - Bit Bucket, Jenkin, Docker, Sonar, nexus, Junit, JBoss server
- **Oracle**
- **PostgreSQL**
- **Hive**
- **Erwin**
- **Microsoft Visio**
- **Talend**
- **Cleo, PGP Programming, Unix Batch Programming**
- **MongoDB**
- **Data Analysis**
- **Database Design**

EDUCATION

Madurai Kamaraj University, Madurai, Tamil Nadu, India

Jun-1994 to May-1998

Bachelor of Engineering: Electrical, Electronics Engineering Technologies

- Inventory Management, Feature Selection and Presentation
- Owner Service ,Notification Setup Reports and Admin Module
- Client Profile and Leads
- Email and Delivery Confirmation

Responsibilities:

- Involving Messaging Modeling, Persistent Data Modeling, normalization, transform, migrate, cleanse and all other aspects relating to data
- Object-Oriented Design and Understand implications of data upstream and downstream
- Lead cloud-hosted data persistence technologies for redundancy, resiliency, performance, maintenance, and sizing
- Established and secured enterprise-wide data analytics structures
- Recommended architectural improvements, design solutions, and integration solutions
- Developed strategic plan for component development practices to support future projects
- Developed data architecture design to enable analysts to perform targeted customer analysis and wrote and maintained custom scripts to increase system efficiency and performance time
- Hands-on Experience in AWS S3, EC2, RDS, MongoDB, Cloud Watch, Cloud Trail,Lambda,ECS
- Involved in process improvement activity, to improve process performance, data synchronization, data correctness, flexibility and responsiveness to produce and approve a product.
- Hands on experience in Data lake and Snowflake in AWS environment.

Environment: Linux OS, Oracle 12c, PostgreSQL 9.6, Hive, Erwin 2020 R2, Unix Shell Script, PL/SQL, MongoDB, Cleo and PGP. Python 2.7 2.3, MongoDB 4.0,AWS Solutions Architect and Data Analyst ,Snowflake

Data Architect

Aug- 2012 – Aug 2017

Project: Nissan Canada Data warehouse, NNA PGP

Client: Nissan North America, Franklin, TN

Description: Responsible for coordinating, planning, and leading computer-related activities in an organization. They help determine an organization's IT needs and are responsible for implementing computer systems to fulfill the customer's information systems requirements.

Responsibilities:

- Extensive experience in interacting with business user for requirements gathering and analysis.
- Excellent Data mart, Fact (Star Schema) and Dimensional DB design and implementation.
- Identified project requirements by establishing personal rapport with potential and existing clients
- Scheduled and attended meetings with clients and prospective clients as requested
- Participated with the preparation of design documents for track work, including alignments, specifications, criteria details, and estimates

Data Architect
Aug- 2007 – Aug 2011

Client: Citco, Ireland

Description: The Citco Group Limited is an organization of financial service providers comprised of international banks, trust, and fund companies.

Responsibilities:

- Excellent Financial Domain and Banking data model – BIAN/ISO/BDW/IFW
- Expertise design Data Mart, data lake, Fact and Dimensional Database Design and implemented.
- Programs development in Oracle databases using PL/SQL.
- Design systems logistics specialists that design, implement and maintain IT systems for business clients.
- Responsible for designing the structure of new functionality systems, overseeing the implementation of programs, and liaising with the software development team

Cybernet Software Solution
Senior System Analyst
June-2005 – Jul - 2007

Client: Citibank N.A, India

Description: Citibank is an organization of financial service provider's investment banking, advisory and transaction services, capital markets, risk management, retail banking, and Credit Card service operation in India and a subsidiary of Citigroup.

Responsibilities:

- Responsible for evaluating the Issues reported by the Business Users and members and providing ongoing solutions to ensure operational support structure and issues are being tracked for analysis, tracking and resolution, and proactive communication of issue status
- Ensure the service meets the corporate quality, security and compliance standards, providing the documentation for the ongoing support and maintenance of the systems
- Involved Database and application migration to a high-performance system.
- Responsible for designing the structure of new functionality systems, overseeing the implementation of programs, and liaising with the software development team

Yalamanchilli Software Exports
Senior System Analyst
Sep-2001 – May 2005

Client: Citibank N.A, India

Description: Citibank is an organization of financial service provider's investment banking, advisory and transaction services, capital markets, risk management, retail banking, and Credit Card service operation in India and a subsidiary of Citigroup. The scope of the project is to build the Share Gateway, M-Commerce Application, Online Refund / Settlement Merchant Module, Internet Banking and Internet Gateway.

Responsibilities:

- Programs' development in Oracle databases using PL/SQL.
- Design systems logistics specialists that design, implement and maintain IT systems for business clients.
- Responsible for designing the structure of new functionality systems, overseeing the implementation of programs, and liaising with the software development team
- Project's support at a development level (Stored Procedures, UNIX Batch Processes).