

Raja Saravanesh

AWS Solution Architect

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Detail-oriented, organized and meticulous employee. Works at fast pace to meet tight deadlines. Enthusiastic team player ready to contribute to company success.

Work Experience

- Cognizant Technology Solutions from Dec 2010 - till now

Summary

- Hands - on AWS Technical Architect with **12 Years** in **software development and 3+ years of Architecting** enterprise level large scale multi-tier solutions that require complex Architectural decisions in AWS.
- Hands-on experience on Architecting and securing the Infrastructure on AWS using **EC2, IAM, S3, RDS, Aurora, DynamoDB, Route 53, CloudTrail, Cloud Watch, Trusted Advisor, Security Groups etc.**
- Highly efficient in working on configuring and deployments with various AWS DevOps tools such as **AWS Code Pipeline, Code Build and Code Deploy** and other DevOps tools such as **Jenkins and GitHub** to configure a highly efficient CI/CD pipeline.
- Good understanding of networking concepts including **VPC, Subnets, NACLs, VPC Peering and Routers.**
- Have good ability to Build, manage and secure **REST API's** using **API Gateway.**
- Knowledge on building **Python** web applications using **Flask web framework.**
- Proficient in **migration** of legacy applications to cloud using the **6 R's Migration Strategies.**
- Expertise in **Mainframe Migration** to AWS through **Microfocus Enterprise Server.**
- Built **WSDL** from backend Mainframe CICS programs to capture data from ETL database based web services.
- Very good knowledge on deploying **Python, Node.js and other web applications** in cloud and also over Apache web servers.
- Hands-on experience on managing a team on **Application Migrations and Data migrations** from On-premise to AWS Cloud.
- Very good knowledge of core domains such as **Banking and Financial Services, Healthcare and Insurance.**

Projects

2022-07 - Current

AWS Migration Architect

Lincoln Insurance, Chennai

Summary

Lincoln Financial Group, provides advice and solutions that help empower Americans to take charge of their financial lives with confidence. As an Migration Architect, I had the opportunity to work in the areas of Life Insurance Mainframe Programs and worked on setting up CI/CD flow and implementation of Lincoln Financial Group's Mainframe programs into Micro Focus Enterprise Server that runs on AWS technologies.

Roles and Responsibilities

- Involve in process of doing Unit and System Testing on Micro Focus Environment setup in AWS instances.
- Analyze cloud infrastructure and recommend improvements for performance gains and cost efficiencies
- Provide daily monitoring, management, troubleshooting and issue resolution to systems and services hosted on cloud resources
- Designed, configured and managed public/private cloud infrastructure platforms utilizing Amazon Web Services
- Experienced at launching Amazon EC2 instances and setting up security groups and configure Elastic Load Balancers with EC2 Auto Scaling groups
- Setup CI/CD pipeline by integrating Jenkins and GitHub with Micro-Focus servers
- Utilize CloudWatch to monitor resources such as EC2, CPU memory, Amazon RDS DB services, Dynamo DB tables, and EBS volumes

2019-06 - 2022-06

AWS Application Architect

Cognizant, Chennai

Summary

Lincoln Financial Group, provides advice and solutions that help empower Americans to take charge of their financial lives with confidence. As an AWS application architect, I had the opportunity to work in the areas of Life Insurance Lincoln Financial Group's applications on AWS technologies.

Roles and Responsibilities

- Creating fully automated CI build and deployment infrastructure and processes for multiple projects.
- Developing scripts for build, deployment, maintenance and related tasks using Jenkins, Docker, Python and Bash.
- Implemented an Continuous Delivery pipeline with Docker, Jenkins and GitHub and AWS AMI's.
- Experience in designing and deploying AWS Solutions using EC2, S3, and EBS, Elastic Load balancer (ELB) and auto-scaling groups.
- Automated AWS components like EC2 instances, Security groups, ELB, RDS, IAM through AWS Cloud information templates.
- Used Micro services architecture with Python on Flask through REST API.
- Experience in creating alarms and notifications for EC2 instances using Cloud Watch.

- Creating Lambda function to automate snapshot back up on AWS to set up scheduled backup.
- Worked on creating Docker containers and Docker consoles for managing the application life cycle.
- Worked closely with developers and managers to resolve issues that were raised during the deployments in different environments.

2016-05 - 2019-01

Project Leader / Onsite Coordinator

Blue Cross Blue Shield of CareFirst, Baltimore

Summary

Played a key role in development and migration of Blue Card application, that allows subscribers from any BCBS plans to get the benefits and contracting providers to submit most claims (institutional or professional, inpatient or outpatient) for out-of-area insures to the provider's local Plan for reimbursement. Also supported the application with retire and re-host activities for the migration to cloud.

Roles and Responsibilities

- Working with clients directly and business teams for understanding technical requirements and solution designing
- Attended BCBSA National Conference in Chicago to get updates on ITS / Blue2 and took it out for team
- Observed progress of each project, examined risks and coordinated contingency plans.
- Maintained tactical control of project budgets and timelines to keep teams on task and achieve schedule targets.
- Built CICS program interface to invoke TIBCO Wrapper Web service from batch job and interlink program that intercepts XML sent from TIBCO service through WSDL
- Assisted in migration of Mainframe Batch processes to Private Cloud systems of plan connexion.

2010-12 - 2016-04

Program Developer

Aetna Health Care, Chennai

Summary

Aetna is an American managed health care company that sells traditional and consumer directed health care insurance and related services. IMI is a unique member enrollment application that baselines and migrates with all the other legacy member application.

Roles and Responsibilities

- Developed one-shot batch programs for loading records from old tables to new tables which holds updated attributes.
- Lockbox Process – And built few more modules that update paid information for these billed records
- Provided support during ETQA and fixed defects with minimal turnaround time and successfully implemented project into Production and stabilized daily job run with new modules
- Prepared and shared learning to entire team on Halloween Problem – a rare phenomenon of table update issue that is rarely faced in Database

2006-06 - 2010-05 Bachelor of Science: Computer science Cloud Computing
Anna University - Chennai, TN

Certifications

[AWS Cloud Practitioner] - [Nov 2021]

[AWS Solution Architect Associate] - [Nov 2022]

[Microsoft Azure Fundamental AZ-900] - [Jan 2023]