GOPINATH VELURU
DevOps Engineer

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SUMMARY

Total **15+ years** of experience in IT industry with **8+ years** relevant experience in **AWS** & **DevOps**. Expertise in **20+ AWS** services and **10+ DevOps** Tools with Python and Shell scripting. Good knowledge on APM tools like AppDynamics, Dynatrace & Splunk.

WORK EXPERIENCE

Tech Mahindra Limited
Tech Specialist
CLIENT: SBI(Overseas) & Kotak Mahindra Bank
Product Name: Finacle (By Infosys)

6th Jul 2022 - 27th Sep 2023

- **Core Banking application** - All core banking products like CASA, TD, Loans, Trade Finance.
- Application support for the end user.
- EOD support for the application
- C-EOD for all the core banking system support
- **e-banking application** - Retail banking, Corporate Banking application support
- **Treasury Solution** - End to End, day to day processing support
- Stems (Structured Time and Expense Management System) for internal purpose of the company development and implemented successfully across all the locations in India.
- The purpose of this time sheet management system is to capture the efforts spent on various activities by an individual for the purpose of effective **project management** & **management reporting.**
- Time sheet is the backbone for all the activities taking place in the organization. It is the basic and most important input for collecting metrics in the project level as well as in the organization level.
- Design detailed migration plans for workload from any platform to **AWS.**
- ETL, ELT , SOWs documentation in various **migration projects in banking.**
- Implementation and documentation of the project plan, Assessment of new tools and technologies.
- Performed configuration, deployment and support of cloud services including **AWS and automating infrastructure in AWS and configuring EC2 instances, VPCs , Route 53, ELB, Subnets, Lambda function, S3 Bucket and IAM security**
- Work within and across agile teams to **design, develop, test implement and support technical solutions.**
- Analyzed and problem-solved major setbacks and shortcomings and presented findings to **6 stakeholders and 3 senior managers.**

- Implemented changes on production servers in a large Web Centre environment in **AWS cloud**.
- Container & Orchestration Tools Docker, Docker Swarm and Kubernetes on **EKS and AKS**.
- Serve as services solution **architecture responsible** for translating the client business requirements into specific systems, applications or process design for large complex technical solutions.
- **CI/CD Automation tools**: Jenkins, AWS Code Pipeline and Code Build, Ansible, Puppet, Terraform.
- Implemented Amazon **RDS for MySQL** as a managed database service for the application.
- Utilized **Amazon S3** for storing static assets and artifacts.

Inspirisys Solution Limited   1st Jan 2008 - 7th Jan 2022
Team Lead

CLIENT: Bank of Baroda, Punjab National Bank, Indian overseas Bank, Karnataka Bank, Kerala bank, Bank of India, Axis Bank

- Work with a team of **DevOps/SecOps Engineers to architect AWS solutions** with the responsibility to ensure the customer maintains an overall cohesive integration with partner systems and solutions.
- Implemented GBM complete project with 11 scheme given by central government at client place.
- Lead the team for development of module.
- Implemented various modules at client place.
- Implemented project, student and admin module at client place.
- Involved in data collection, **SRS preparation and UAT.**
- Preparation of **SOWs** for the project and discussion with clients for approvals
- GBM is a Banking Solution / Product for the Government Business Carried out by Banks. GBM encompasses the Government Schemes like Tax Collection, Pension Payment / Processing, PPF Collection, Relief Bond Subscription and Senior Citizen Saving Scheme.
- GBM comes as a wrap product for **INFOSYS banking solution FINACLE** and has been seamlessly integrated with FINACLE.
- Transactions entered in GBM are posted on to FINACLE through **Work Flow Scripting Remote Execution** (WFSRE), Listener Monitor (LIMO) and Connect 24 Interfaces.
- PPF and Bond module in which GBM handles not only Cash transaction, but also Transfer & Clearing Transaction can be posted on to FINACLE by debiting the particular Account of the PPF account holder.
- Reconciliation is the Hallmark of **GBM**, which takes care of the clearing transaction by analyzing the regularized zones for clearing of the PPF account holders Instrument.
- Design cloud infrastructure, virtual private cloud, virtual private network, relational database services, auto scaling, and computing resources to meet customers' requirements.
- Great exposure on **Oracle PL/SQL Programming.**

- Central Pension Processing Centre (CPPC) On behalf of Government of India. Our client will calculate and disburse the pension to the central government retired officers.
- Designed stacks using Amazon CloudFormation templates to launch AWS infrastructure and resources.
- Provide recommendations to optimize Cloud usage costs by analyzing usage patterns and trends while providing recommendations for consolidating instance types based on demand across all billing accounts.
- By the end of every month our client will disburse the pension to the pensioner in the centralized manner where it was said by cppc.
- This application runs on Restful web services between bank application server and GBM application server and GST Portal.
- This application will exclusive run internally between two applications. In GBM, web services will run across the GST Purport of government business
- All the states are been using the costumer collections via online and offline.
- Through this iGBM we are retrieving the data's from internet banking to our GBM application systematically and automatically for the generation of scrolls and reports for both online and offline transactions from GBM.

SKILLS

AWS SERVICES

- EC2
- S3
- EFS
- IAM
- ELB
- VPC
- SNS
- SQS
- RDS
- Cloud Front
- Cloud Watch
- Cloud Formation
- LambdaFunction
- Route53

DEVOPS TOOLS

- GITHUB
- Kubernetes
- Terraform
- Docker
- Jenkins
- Ansible
- Postman
- Maven
- SonarQube
- Nexus
- Jira

MONITORING

- Prometheus
- Grafana

SCRIPTING

- Python
- Shell
- Yaml

OS PLATFORM

- Linux
- Windows

EDUCATION

D.B. Jain College, Chennai

MCA   2002 – 2005

DECLARATION

I do hereby declare that the information and facts stated above are true and correct to the best of my knowledge and belief.

Regards,

[Gopinath Veluru]