

Janarthanan

Associate Devops Architect

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Keywords for ATS/ **Skills:** **AWS**, EC2, Storage (S3, EFS, FSX, EBS, OFS), Identity & Access Management (IAM, Secret Manager, SSM), **DevOps** (ECR, **EKS**, Code build, SES, Docker, **K8s**, helm chart, **Terraform**, OpenSearch, Gitlab, **Jenkins, Airflow**), Scripting (**Python**, Shell), Networking (VPC, Subnets, NAT, IGW, Route Table Route 53), Project Management Tool (Jira)

Database: **PostgreSQL**, MYSQL, Redshift

Version Control: Git, SVN Version Control Client Tool: Gitlab, GitHub, bitbucket

Operating System: Windows, Linux, Ubuntu, Centos

Experience: 6.5 Year

Methodology: Agile (Scrum), Waterfall

Professional Experience

- Working as **Associate DevOps Architect** in **SecureKloud Technologies** (Formerly 8KMiles Software Service Ltd) from **May 2020 to Present**
- Worked as **Senior Software Engineer** in **Caretech solution India Pvt Ltd** (an HTC Global service company) from **August 2019 to March 2020**
- Worked as **Technical Consultant** from **April 2016 to July 2019** in **Sodexis India Pvt Ltd**

Professional Summary

- 6.5 years of progressive experience in requirement gathering, design (Micro service), development and deployment (CI/CD), experienced in healthcare and manufacturing industries.
- **Design:** Gathered requirement and prepared micro service architecture for data platform on AWS cloud.
- **Deployment:** Implemented CI/CD pipeline to handle various micro service applications, Developed Cloud infrastructure with terraform, created Kubernetes cluster and deployed multiple applications in EKS through helm chart.
- **Development:** Developed data pipeline that communicate from airflow, rest API, s3 and database.
- Developed ETL Pipeline which perform Data Ingestion, Data Quality, Data Processing, also handled Data Governance through Collibra
- Developed large scale application which are processing Tera bytes of record
- Handled Disaster and recovery for both OnPrem and cloud-based infrastructure
- Capable of adapting with new technology quickly.

Work Experience

SecureCloud Technologies (Formerly known as 8K Miles pvt Limited) (May 2020 – Present)

- Implemented Data Platform in AWS cloud with high availability and in a multi zone environment.
- Developed multiple helm charts for various applications and to clean up the existing unused resource
- Responsible for release management for different client production environments by doing continuous integration and continuous deployments of the software application
- Responsible for implementation and administration of Kubernetes infrastructure
- Worked on Disaster Recovery to reduce the downtime and failure.
- Developed a shell script to backup data regularly in a compressed format and testing the restore in every quarter.
- Worked on maintaining the infrastructure and updating resources through Terraform and Jenkins
- Worked on creation of EKS Cluster and Deployed Airflow, API
- Deployed multiple AWS resources like redshift, RDS, EFS, EKS, ec2, Opensearch, etc.
- Executive Dashboard (Populated few data from Redshift, metadata and pushed to Postgres RDS)
- Scripted code for Data curation/ Data Quality service, Worked on Collibra tool to achieve data provenance.
- Created a pipeline for Construction management through API and airflow which ingest data to s3 as zip and extract files and check quality through image processing and do object detection.
- Attended daily scrum call with the onsite team leads and clients to figure out business requirements and get ensured to work towards right business solution.
- Implement the specific requirements and made independent and reusable components and integrated them together to meet the Functional/Non-Functional Business
- Managed team of 4 where I assign work, help them to work in right directions and review the work for better performance.

HTC Global Service (Aug 2019 – Mar 2020)

- Technology used: Python 3.5, Django, AWS, PostgreSQL 10.6, SVN
- Worked on development, deployment, code movement in server and maintained the infrastructure.
- Developed an Application Tracking System tool successfully to track candidate profile and handling job requisition.
- Designed application for generating status in home dashboard based on user, login as impersonate user with SSO.
- Worked on Advance search for filtering records on default.
- Worked on Transforming unstructured data and loaded them into PostgreSQL
- Mentored juniors in producing efficient product,

Sodexis India Pvt Ltd (Apr 2016 - Aug 2019)

- Technology used: **Python** 2.7 & 3.0, Odoo v12, PostgreSQL 9.5, XML(QWEB), Git, OS - Linux
- Worked on implementation of Magento connector in Odoo, eBay connector.

- Payment integration of authorize .net, hold partner on new order if their credit limit is crossed, implemented subscription to auto debit from authorize .net
- Worked on Queue jobs to serialize the import process.
- Worked on COD product, selecting Shipping term in order and based on selected shipping term (third party billing, collect, carrier account) update the amount of shipping in picking and invoice, displaying stock move in respective partner window, setting extra price for combination of variant
- Customizing OCA (Odoo community) apps stock logistics warehouse to several customers on displaying immediately usable quantity on ecommerce instead available quantity and restricting out of stock
- Worked on restricting shipping cost for backorder, customization based on kit product, automate lot number for mass produce,
- Implemented Google Oauth sign in method.
- Worked with integrating Sentry logger API with Odoo ERP
- Worked for Partner name changes in several modules, single variant display in product list, mail resend after failure of 10 minutes and sending total failed mails to cron user to check status.
- Propagated Fiscal position in SO from partner and if changes happen update taxes in order line, implementing Medicare process, security, and reports.
- Worked on closing issue records after 7 days, added reviewer.
- Written selenium script to auto download dump with current date time, delete old dump.
- Written script for load testing and sending mail on heavy load time or if the server connection failed.
- Written script to auto download log from log.io server and to check log.

Achievement

- Received '**PAT ON BACK**' award for Excellent Working

Professional Traits

- Language - English, Tamil, French (Very basic level)
- Date of Birth - 21-07-1994
- Marital Status – Single
- Education:
 - Master of Business Administration in HRM Pondicherry University May-2018.
 - Bachelor of Technology in Computer Science, Manakula Vinayagar Insitute of technology, Pondicherry May – 2015

DECLARATION

I hereby declare that the particulars furnished above are true, correct and complete to the best of my knowledge and belief, and I bear the responsibility for the correctness of the above mentions.

Janarathanan.R