**Nagarjun Chandrasekaran**

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**SUMMARY:**

* Having a total of 13+ years of IT Experience in **AWS, DevOps** and **Cloud** technologies, adept at handling multiple system operations, including installation, upgrade, configuration, administration and maintenance of Cloud platforms like **AWS** Cloud operations, **GCP** and **Azure** as Site Reliability Engineer.
* Hands-on experience in Analysis, Design, Development, Testing, Deployment, and Implementation of Multi-Tier distributed applications using **Java, J2EE** and **PHP** technologies.
* Essentially worked on upkeep and incorporated organization on **Linux/windows** workers. Overseen, observed framework programming, equipment, organization and working framework.
* Working experience in continuous integration using **Git, GitHub, Maven, Jenkins, Chef.**
* Hands on experience in creating **Ansible Recipes, cookbooks** for **cloud automation (AWS)** and Application deployment automation.
* Excellent Java development skills using **J2EE, Servlets, JSP, JavaScript, Jython, HTML, JMS, JDBC** and **Java Beans.**
* Working experience with **on-demand/SaaS**application development and **cloud platforms.**
* Extensive experience in design, development and implementation of Model-View-Controller frameworks using **Struts** and **Spring MVC**.
* Experience in working with **Amazon Web Services (AWS)**, Creating **EC2** Instances and configuring all web

Services like **EC2, SQS, SNS, Load Balancer, CloudFront, VPC, Security Groups, Certificate manager, S3**

**bucket, RDS, EBS, ELB, Auto-Scaling, AMI, IAM** through **AWS Console**.

* Configured security **groups, Network Access Control List, Routing Tables**.
* Experience in designing a **Terraform** and deploying it in cloud deployment manager to spin up resources like cloud **virtual networks, Compute Engines** in **public** and **private subnets** along with **AutoScaler** in **Google Cloud Platform(GCP)**.
* Setup a **GCP Firewall rules** in order to allow or deny traffic to and from the VM’s instances based on specified configuration and use **GCP cloud CDN** (content delivery network) to deliver content from **GCP** cache locations drastically improving user experience and latency.
* Developed web-based applications using frameworks like **GRAILS, Hibernate, Angular JS, Angular 6, React JS**
* Thorough knowledge in client-side technologies such as **Angular JS, JS, HTML, CSS, Bootstrap, Kendo UI, UI Bootstrap.**
* Implemented Test Driven (TDD) Design to build testable, and maintainable applications.
* Strong database skills in **Oracle 8i/9i/10g/11g, Sybase, DB2, NoSQL (MongoDB, Cassandra)** and **MySQL**.
* Expertise in programming with **SQL, PL/SQL** and **Stored Procedures**.
* Experience with various Software Development Methodologies like **SDLC**, Object Oriented Analysis and Design (**OOAD**), **Agile** Software Development, **Scrum** Methodology.
* Expertise in using and configuring various web & application servers like **WebLogic, Tomcat, WebSphere.**
* Proficiency in programming with different Java IDEs like **Eclipse, WebLogic, NetBeans**.
* Expertise in development of test cases using **Junit, Mockito, Jasmine, Karma**.
* Experience with container-based deployments using **Jenkins, Docker, Openshift** and **Kubernetes**.
* Involved in Data monitoring tools such as **Datadog** and used for cloud scale application, providing monitoring of servers, database, tool and services.
* A broad awareness on **enterprise integration** and **network and content delivery tools** like **EBS, Message Brokers, API Gateways, VPC, route53, Lambda, Redshift**.
* Launching Amazon **EC2 Cloud Instances using Amazon Images (Linux/Ubuntu)** and Configuring launched instances with respect to specific applications.
* Creating and configuring the **VPC setup in the AWS environment (Public subnet, Private Subnet, NAT gateways).**

**TECHNICAL SKILLS:**

| **Operating Systems** | Linux and Windows 7/Vista/XP/2000 |
| --- | --- |
| **Languages** | Java, J2EE, HTML5/CSS3(SASS), UML, XML, PHP, Jython, PL/SQL, JavaScript. |
| **Web Technologies** | Servlets, JSP, JSON, JDBC, JMS, Java Beans, JMS, JSF, EJB, Web Services, XML, HTML5, CSS3, SOA, AJAX, CXF, Angular JS, React JS, NodeJS, MVC, jQuery. |
| **Design Patterns** | Core J2EE patterns - MVC, Value Object, Session Facade, Service Locator, Data Access Object, Singleton, Executor Framework, Generics, Multithreading and Business Delegates |
| **Web Services Protocols** | SOAP, REST, JAX-RPC, JAX-WS, JAXB, WSDL and UDDI |
| **Cloud Platforms** | AWS, MS AZURE, GCF (Google Cloud Platform) |
| **Methodologies** | SDLC, OOAD, Agile, Scrum |
| **Servers** | IBM WebSphere 4.0/5.x/6.x, jBoss 4/5/6/7, Apache Tomcat 5/6/7. |
| **Frameworks** | Struts, Spring, Bootstrap, JPA, Node JS, Hibernate. |
| **Version Controls** | SVN, GIT, AWS. |
| **Databases** | Oracle 8i/9i/10g/11g, Sybase, IBM DB2 7.0, MySQL, SQL Server, MONGO, DynamoDB, Cassandra |
| **Development Tools** | Eclipse, Edit Plus, JBuilder, WebLogic Workshop and Toad |
| **Build Tools** | Ant, Maven, Gradle, Jenkins |
| **Logging and Testing Tools** | Log4J, jUnit, Mockito, Jasmine, Karma, Easy Mock, Power Mock |
| **Tracking and Monitoring Tools** | Nagios, Zabbix, Bugzilla |
| **Configuration Tools** | Chef, Puppet, Ansible |
| **Container Tools** | Docker, AWS Container |
| **Infrastructure as Services** | EC2, LAMBDA, S3, IAM, Rackspace, Azure |

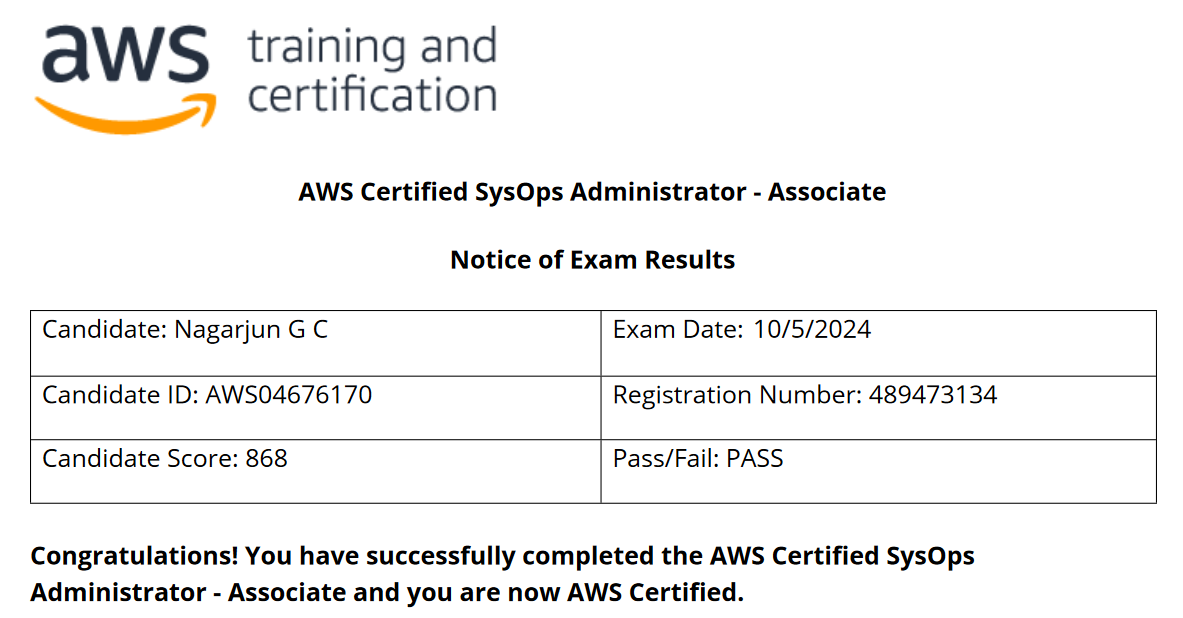
**EDUCATION:**

**B.E** in Computer Science in 2008 from **Pallavan College of Engineering**, Kanchipuram

**M.S** in Computer Science in 2015 from **Sacred Heart University,** Connecticut

**CERTIFICATIONS:**

# AWS Certified SysOps Administrator – Associate



* <https://www.credly.com/badges/01faffa0-544d-41f7-a4af-5a8187353e01/>

# SAP Certified Associate - Data Engineer - Data Fabric

* <https://www.credly.com/badges/04aedb7b-229f-4baf-9a78-fca00ba6283e>(Expires on October 24, 2025)
* SAP Certified Application Associate - SAP Business Planning and Consolidation 10.1 and 11.0(Expires on March 31, 2025)
* <https://www.credly.com/earner/earned/badge/82f6f186-5cde-47a1-95ea-89aa47e036d8>
* SAP Certified Application Associate - SAP Analytics Cloud: Planning(Expires on March 31, 2025)
* <https://www.credly.com/badges/147a9bb1-dff7-4f2b-bef6-99aed4b62d81>

* Certified in Mainframes Systems Administration from Maples ESM Technologies (2009)

**PROJECT EXPERIENCE:**

**Caterpillar Inc / In-house Project Mar 2024 – Nov 2024**

**Sr. SAP SAC Associate**

**Responsibilities:**

* Worked with teams of **SAP Analytics Cloud** and **SAC Planning** for implementing planning and analytical models.
* Built the **Visualizations, Dashboards, stories canvas, responsive, grid, Smart formulas.**
* Worked on development of multiple dashboards using **SAP Analytics Cloud, SAP S/4HANA** integrated with multiple other systems.
* Good working knowledge on Advanced features in SAP Analytics Cloud like **Predictive Analytics, Forecasting, Smart Predict, Security concepts, Authorizations, roles** and **collaborations.**
* Worked on setting Hierarchies for **Drill down** and **drill ups.**
* Implemented the Dashboards/Stories **actual, budget, planning, forecast, rolling forecast** categories**.**
* Creating visualizations and their usage charts, tables, maps, filters in the storyboards for clear understanding of the sales data.
* Monitor **KPIs** and identify the cause of any unexpected variances.
* Developed and continually improved budgeting, financial projections and operating forecasts.
* Presented the monthly and quarterly financial reports of various units and departments. Implemented a business intelligence tool and dashboard reports.
* Experienced in working with Finance and sales Planning and Analytics models, working with different Dimension types.
* Experience with Live and Acquire/Import Data connections.
* Experienced in Create simulation planning scenarios (What-if) & **Value Driver Trees,** Creating different visualizations.
* Experienced in Importing and exporting data.
* Knowledge on SAC features like **Smart Insights, smart Predict** and **Predictive planning.**

**NTT Data / In-house Project Nov 2023 – Feb 2024**

**SAP SAC Associate**

**Responsibilities:**

* Involved in business process blueprinting and subsequent solutions architecture design. Worked with business and technical stakeholders in developing **Models, Dimensions, Members** and **Hierarchies**.
* Security Configuration at Model, Dimension, Story and File Structure Level.
* Building and optimizing data models to provide a foundation for analytical solutions.
* Developing and refining SAC dashboards to meet evolving business requirements.
* Expertise in all SAC objects such as **Dimensions, Data Actions, Multi Actions, Stories.**
* Expertise in modeling according to business requirements.
* Assisting with implementation and improvement of existing processes; initiating different/improved ways of providing support and delivering efficient outcomes..
* Creating and updating functional specifications and process/system documentation.
* Providing support and training to the business to ensure effective utilization and business adoption.
* Troubleshooting, managing and resolving where possible the end-user issues related to **SAP ERP**, and other cloud-based applications including **SAP Analytics Cloud** and **SAP S/4HANA.**
* Planning and executing data migration and integration across **multiple SAP Systems.**
* Creating customized data reports for various business stakeholders.

**Equifax – Kount Data Ingestion, Plano, TX                                                  Sep 2022 – Oct 2023**

**Site Reliability Engineer(AWS and GCP) / Sr. Java Full Stack Developer**

**Responsibilities:**

* Develop web services using **XML, REST** and **SOAP APIs** for providing business service to other applications.
* Utilizing **Angular-CLI** to generate components, create services and generate local and production application builds with performance optimization
* Worked on AWS administrations, for example, (**EC2, IAM, Lambda, AMIs, Automations, Load Balancer, S3, VPC, EBS, Security Groups, CloudFront, SNS, SQS, Cloud Formation, CloudWatch, API Gateway)** and so on.
* Responsible for performing different exercises like form and sending programming to the cloud.
* Proficient in actualizing Elasticsearch and Load adjusting.
* Creating **EC2** occasions with explicit **IAM** jobs.
* Worked on assessing the current programming exercises and has inside and out information on expanding the market esteems inside a quick **CI/CD** climate.
* Implemented proceeds with combination and sending, testing apparatuses utilizing **Jenkins, Maven, Bitbucket.**
* Maintain and assemble applications and Database Servers Rds., **amazon red move, DynamoDB’s administrations in AWS Cloud**.
* Deploy and monitor scalable infrastructure on **Amazon web services (AWS)** and configuration management instances and Managed servers on the Amazon Web Services (AWS) platform using **Chef** configuration management tools and Created instances in AWS as well as migrated data to AWS from data Center.
* Strong knowledge on working with **chef** repositories and version source control.
* Expert in using **Ansible** to maintain Web apps, Database, user mount points, configure files, packages and work with towers.
* Experience with Data Migrations, Replications, Performance and capacity reporting.
* Maintained and planning crontabs for application records and Backup the executives.
* Extensive use of Junit and **Mockito** for Unit Testing.
* Interacted with **Jenkins, GraphQL, Grafana, Redis, Click tracking** for analytics.
* Utilized the concept of **mean stack development** using **Node JS** and **Express JS**.
* Optimized **Microservices** using **NodeJS** and **ES6** as interfaces to **Cassandra NoSQL** database.
* Creation and deployment of Mock Services into the development environment and Execute **Mocha**/**Chai** unit tests for **Node.JS** developed microservices.
* Implemented **Checkmarx** which scans for application security vulnerabilities.
* Deployed on an internal cloud using **Docker** and **OpenShift.**
* Experience in messaging systems like **Kafka** and **Kafka event sourcing**.
* Creating and Setting up **CICD** Pipeline jobs for each application.
* Provisioning and Decommission Resources using **Terraform**.
* Validating and Verifying the **CR** for release promotion.
* Preparing **Grafana** Board.
* Designed Serverless **Microservice** ETL application with **AWS Lambda** and **S3** using **AWS CDK.**
* Implemented **Microservices** architecture and developed **SpringBoot** applications for web services and **RESTful APIs**, deploying them on **AWS Elastic Beanstalk, AWS ECS,** and **AWS Fargate.**
* Used **AWS CloudWatch, AWS X-Ray,** and **AWS CloudTrail** for monitoring and troubleshooting, analyzing

performance, and gaining insights into AWS-based applications**.**

* Experience with continuous integration and deployment tools **(Jenkins, GitLab CI)**.
* Ability to design and implement **SRE** best practices (monitoring, integration, and analysis of related tools).
* Good knowledge of building and deploying container services and installation packages such as **Docker, RPM and Openshift.**
* Worked with **Terraform** to create AWS components like **EC2, IAM, VPC, ELB, Security groups**.
* Involved in **AWS EC2/VPC/S3/SQS/SNS** based on **automation Terraform, Ansible, Python, Bash Scripts.**
* Managed different infrastructure resources, like physical machines, VMs and even **Docker** containers using Terraform. It supports different Cloud service providers like **AWS** and **Digital Ocean.**
* Build and launch the images like bundle tasks, elastic block storage like, volumes, snapshots, lifecycle manager.
* Coding built Continuous Delivery(CD) pipelines, including **Infrastructure-as-Code(IaC**) and using **Jenkins/Artifactory/Ansible/Docker/Python** etc
* Hands-on experience with creating job templates in **Ansible** by using **playbooks**.
* Experience reporting data virtualization tools such as **Splunk**.
* Strong experience with docker containers, container cluttering and executing various docker containers.
* Managed and built various docker images for **elastic stack** components.
* Automated configuring of **AWS EKS cluster** using **Terraform** scripts. Monitored applications and services deployed to the cluster using **Prometheus** operator and sent alerts to **Slack** channel using **Alert Manager Service**.
* Orchestrated various staging and production deployment **Kubernetes, Docker.**
* Familiar with best practices for facilitating **Agile** and Test Driven Development.
* Setup and utilized automated Continuous Integration utilizing tools like **Jenkins** and SDLC tools **Git, JIRA, Confluence** etc,.

**Environment:** Java, SOAP, XML, Spring Boot, Hibernate, GraphQL, Grafana, Docker, Openshift, Angular 14, React JS, React Hooks, Kafka, Checkmarx, Cloud Platforms like GCP & AWS, EKS, Alert Manager Service, Prometheus, Slack, Mocha, Chai, NodeJS, Cassandra, EC2, S3, Lambda, CDK, Fargate, Beanstalk, AWS CloudWatch, AWS X-Ray, AWS CloudTrail, Terraform, Ansible, Chef, Puppet , Salt, Docker, Kubernetes, Nagios, Tomcat, Maven, SVN, GIT HUB, Cloud deployment, Shell Scripting, Python, Bash, Wiz, NexusIQ, Git, GitHub, Jenkins

**USAA – Development Shared Services (OPS DEV), Plano, TX May 2020 – Sep 2022**

**Site Reliability Engineer(AWS and GCP) / Sr. Java Full Stack Developer**

**Responsibilities:**

* Worked on multiple shared Operational services based on new and/or enhanced feature releases planned on quarterly idea day. The list of services whose UI and backend SVC change in feature-enhancements and bug fixes in USAA include Anvil, Chronos, Lanmine, Magnum, Patchman, API Portal, DB Portal, Testing Cloud, Taco(now retired).
* Develop the web application using **Spring MVC**, Dependency injection, Spring Core and **Spring AOP**, utilizing knowledge of backend language, web front end, and DevOps, through all stages of development with the goal of implementing **AngularJS,** improving the SLS performance of the web application.
* Well-versed in Object Oriented Programming (OOP) with **JavaScript (ECMA-SCRIPT 5/6/7)** and **TypeScript**.
* Involved in all phases of the Software Development Life Cycle (**SDLC**) which includes requirement analysis, design, development, documentation, testing, implementation, and maintenance of application software using **Java/J2EE**.
* Planned the front-end single page application with **React**.
* Used **Chef** for configuration management of hosted instances within **GCP**.
* Worked and managed **Ansible playbooks** with **Ansible roles, group variables, inventory files, copy** and **remove files** from remote system using file module.
* Used **Python** scripts to load the data into **AWS** Cloud **Cassandra** database.
* Setup Databases in **GCP using RDS, storage using S3 bucket** and configuring instance backups using **S3** bucket.
* Prototype **CI/CD** system with **GitLab** on **GKE** utilizing **Kubernetes** and **Docker** for the runtime environment for the CI/CD systems to build and test and deploy.
* Used Microservices architecture with **Spring Boot** based interacting through **REST** and **Apache Kafka message brokers**.
* Building/Maintaining **Docker/Kubernetes container clusters** managed by **Kubernetes Linux, Bash, GIT, Docker** on **GCP.**
* Worked on creating **AWS Aurora database** and **deployed** it with **RDS.**
* Created data pipelines with **AWS Aurora** and integrated with Jenkins for automation and orchestration.
* Configured **AWS and RDS** and **IAM with Aurora** to deploy and set up applications with it.
* Worked on configuring aurora by migrating from on premises **MySql to Aurora.**
* Involved and worked on management tools like cloud watchcase **Autoscaling, cloud formation, cloud trial.**
* Managed and improvised in infrastructure Development and operation involved in AWS cloud platforms like **EC2, Lambda, AMI, Snapshots, S3, Redis**.
* I have experience in system and application installation, configuration, tuning, maintenance. Worked on AWS Environment troubleshooting and setup.
* Worked on large environments using configuration tools like chef, ansible, puppet in deploying the code in 300+ systems at a time.
* Maintained network and content delivery and user account by using **IAM, VPC, Cloud front, Route 53, API Gateway, direct connect, NAT subnets.**
* Maintain and build applications and Database Servers **RDS., amazon redshift, DynamoDB’**s services in **AWS Cloud**.
* Creating EC2 instances with specific IAM roles.
* Setup and support automated Continuous Integration utilizing tools like **Jenkins, Gradle** and SDLC tools **Git, Bitbucket, JIRA, Confluence** etc

**Environment:** Java, J2EE 1.6, JavaScript, XML, XSL, Spring MVC, Angular 13, DoJo 1.10.3, React JS, React-Redux, React-Router, React-bootstrap, AWS SXS3, DynamoDB, Kafka, NodeJS, JSOUP, AWS CDK, Spring Boot, GraphQL, Python, HL7, JBoss 7.4, Gradle 2.3.2, Jenkins, JSON, JVM, HTML5/CSS3, Bootstrap, Hadoop, Spark, Cloud platforms like (Amazon web services, Microsoft Azure etc.), S3, EC2, EBS, Cloud watch, Cloud formation, IAM, Snapshot, Route53, Terraform, Redshift, Lambda, Docker, Nginx.

**Paychex Inc – QTC Stratus, Rochester, NY Dec 2018 – April 2020**

**Site Reliability Engineer(Azure) / Sr. Java backend Developer**

**Responsibilities:**

* Updated the front-end design by using **HTML Wireframes, CSS, JSP, Servlets, JSTL, JSF, Ajax.**
* Worked with **JavaScript** for fixing the double payment submission and fixed corresponding JSF server-side beans.
* Persistence layer was implemented using **Hibernate Framework** and **JPA**.
* Added **JSF list-box component** for dynamic update of Claims requirements processing and implemented the server-side processing.
* Updated **CSS** layout to reflect the new changes as per the addition of new components.
* Worked with **server-side beans** to adopt the new changes.
* Configured **Azure Virtual Networks, Subnets, DHCP address blocks, security policies** and **Routing.** Also, deployed Azure IaaS Virtual Machines and Cloud Services (PaaS role instances) into Secure Virtual Networks and Subnets.
* Managed Azure infrastructure **Azure Web Roles, Worker Roles, SQL Azure, Azure Storage**.
* Used **Azure Terraform** to deploy the infrastructure necessary to create development, test, and production environments for a software development project.
* Worked on developing **Restful** web services using **Spring Boot**.
* Created **RFP** microservice to provide **Restful API** utilizing **Spring Boot** with **Spring MVC**.
* Performed extensive test-driven development using **Jasmine** and **Karma** for unit testing.
* Worked with **Openshift platform** in managing **Docker** containers and **Kubernetes** clusters.
* Designed, developed, implemented, and maintained custom **Ant tasks** in Java and **Groovy Experience** in

**Microsoft Azure Cloud Computing development** and support.

* Automated setting up server infrastructure for **Devops** services, using basic **Python, Ansible and shell** scripts.
* Involved on **migrating SQL Server databases to SQL Azure Database** using **SQL Azure Migration Wizard** and deployed the application to **Azure cloud**.

**Environment:** Java, J2EE 1.6, DB2 v9.7, JavaScript, XML, XSL, XSD. XSLT, Hibernate 3.0, Spring Framework 2.0, JSF, HTML, CSS, BOOTSTRAP, Angular 6, Typescript, Spring Boot, RabbitMQ, WebSphere Application Server 7.0 Maven, Jasmine, Karma, Mule ESB, Jenkins, AWS OPS, Azure Cloud, Python, JSON, JVM, JMS, EJB, CVS, Node JS, Express JS, CXF, JAX-WS, AJAX, JPA, HTML5/CSS3.

**Cambia Health Insurance – (Benefit Service) Portland, OR Mar 2017 – Oct 2018**

**Sr. Java/J2EE Developer**

**Benefit Service** is a Cambia website that provides access to employees of Cambia’s group customers.

The system allows the employees to enroll and view their current benefits for their products. Depending on the group customer, the actual products available for the employees to interact with will vary. Since Benefit Service caters to large institutions and many customers, the messages and features available on the website for each product can be customized. An additional admin system is built and allows Cambia to customize the product and website features for each group customer.

**Responsibilities:**

* Creating software and applications correlative to the WebSphere levels by utilizing the **PGP, Java, MQ Series** and **JSP.**
* Enforcing the back-end procedure developments in coordination with **JSP, WebSphere, Java,** and **MQ Series** with a view to increase the client serviceability of the web portals
* Working on complex applications to client with technologies including **Spring framework, EJB, JMS, Web services, Micro services, Groovy, AJAX, Java Script, HTML5, Dojo, jQuery.**
* Expertise in Back-end/server-side java technologies such as **Web services, Java persistence API**

**(JPA), Java. Messaging Service (JMS), RabbitMQ, Java Database Connectivity (JDBC), Java**

**Naming and Directory Interface (JND).**

* Extensively using Spring, JMS, Web Services, **Microservices, Groovy** across various applications.
* Responsible for developing complex **shell** scripts to manage background batch jobs.
* Worked on various design patterns such as **Factory, Abstract Factory, Singleton Pattern, Prototype** and others.
* Responsible for developing various **Microservices** with the help of **Groovy**.
* Working on various in-memory **NoSQL** data models **Cassandra**.
* Creating Resources in **GCP (Google Cloud Platform)** and **AWS (Amazon Web Services).**
* Developed **rest-based services** within applications to have a communication channel within application modules.
* Utilized the concept of mean stack development using **AngularJS, Node JS** and **React JS**.
* Working with the Flux and Redux workflows powered by **React JS** library.
* Started the front-end application with **React** and used State Object **React Class Component** for general Stateful management.
* Developed the web application with the new **React** features centralized with **Hooks**.
* Basically, replace all **React** Class Components with Functional Components. For stateful management, replaced with new **Hooks** like **useState, useEffect, useReducer, and useRef.**
* Developed **Micro Service** on-boarding tools and **Jenkins** allowing for easy creation and maintenance of build jobs and **kubernetes** deploy and services.
* Develop web services using **XML, REST** and **SOAP APIs** for providing business service to other applications.
* Responsible for developing modules that consume various **SOAP** based web services from multiple systems and prepare application specific data structures.
* Developed unit tests using **Jasmine, Karma, Junit** and **EasyMock** to optimize the code coverage of test suites.
* Involved in developing various UI components using **dojo** framework.
* Strong on Application load balancer With **EC2 Auto Scaling Group**.
* Experience on creating user accounts in **Identity and Access Management (IAM) like groups, policies, identity providers, Credential reports**.
* Worked on implementing continuous Deployment (CD) by adding the **MS Deploy Plugin** to Jenkins to deploy the build artifacts into **Artifactory** or **Nexus**.
* Work with Project Managers, Release Management, Operations Engineering, and Development leads to help and support Agile development for Continuous Integration and Delivery (CI/CD) pipeline automation
* Strong knowledge on working with chef repositories and version source control.
* Interacted with various nodes to perform a bootstrap operation using Chef. Build various node objects using **Chef**.
* Worked on chef for configuration management, infrastructure automation in **SASS** using **Chef.**
* Utilized Data monitoring tools such as **Datadog** and used for cloud scale application, providing monitoring of servers, database, tool and services.
* Used Docker Engine to run multiple tomcat instances using application servers.
* I worked with Configuration and maintenance of monitoring and alert systems.

**Environment:** Core JAVA, Spring, Microservices, Groovy, JMS(Tibco & IBM MQ), JSP, Servlets, XML, XSLT, XSD, WSDL, EJB, Web Services, log4j, Splunk, JSON, JavaScript, JDBC, AJAX, Dojo, jQuery, HTML/HTML5, CSS, Oracle, DB2, Teradata, Kafka, Kubernetes, GCP, AWS, IAM, EC2, Nexus, Chef, Ansible, Datadog, UNIX/LINUX, WebLogic, WebSphere, SVN, ANT, Maven, Gradle, Bitbucket, GIT, JIRA.

**Cigna Corporation – (Healthcare Services Development) Windsor, CT Apr 2015 – Mar 2017**

**Sr. Java backend Developer**

**Cigna Corporation** is a Health Insurance Company known for its health life insurance products, claims, deductibles, and different plans offered by this organization. We worked on developing user interfaces (Activity Manager) in different enrollment packs intended for Practitioners and Providers tied to business and corporate entities. The first application of health-monitoring sensors was through IoT-based healthcare-monitoring systems; these can gather and measure the necessary data, transmit these data through various stages reliably to the gateway and the AWS cloud server

**Responsibilities:**

* Involved in various phases of project development following **Agile** (Extreme Programming).
* Used **Struts Framework** in the application which is based on MVC design pattern and integration with **ORM framework Hibernate**.
* Extensively used **Spring IOC, AOP**, configured Application Context files and performed database object mapping using **hibernate** annotations.
* Updated the front-end design by using **HTML Wireframes, CSS, JSP, Servlets, JSTL, JSF, Ajax, Angular JS, Node JS**, **Liquibase, Java, JavaScript, jQuery and Jython.**
* Involved in development of Web Services using Before Rules, After Rules, Event Rules, Behavior Rules in **Jython.**
* The patient’s data is collected via **Wi-Fi** from a remote location and stored in an AWScloud server, and the health parameters are continuously monitored. If abnormalities occur, an automatic alert is sent to medical professionals with the patient’s location.
* Worked with **Toad** and **Jython** scripts for the use of relational databases structuring of the application.
* Implemented the Project structure based on **Spring MVC** pattern using **spring boot**
* Used **JPA** (Java Persistence API) along with Hibernate framework for implementing Test Classes.
* Configured **JMS** Queues and set up the **JDBC** pools.
* Developed Java API to interact with **Amazon SQS** used in sending bulk emails.
* Implemented **JMS** messaging interface with **MQ Series**.
* Worked with **WebLogic application Server** for the deployment of the application.
* Used **Oracle 11g** using **Toad 12.6**and **PL/SQL** for the database enhancement.
* Strong Knowledge on **CI systems (Jenkins).**
* Worked on with revision control source code repositories (**Git**).
* Created repositories according to the structure required with branches, tags and trunks – in both **SVN** and **GIT**.
* Integrating **AWS with Puppet** and **creating Puppet Manifests.**
* Creating and maintaining slave machines in Jenkins and parameterized the projects to specific environments (like Production, Test).
* Integrated **Git, Maven** and **Tomcat** with continuous delivery tool **JENKINS**.
* Worked on Configure instance details in **EC2** like **VPC, creating more instances, creating new subnets, IAM roles, creating monitoring** by using **Cloud Watch, Shutdown behaviors.**
* Operation and architecture of multi-tier distributed systems involving load balancers, caching layers and real-time event processing.
* Writing user data. Created **EC2 instances** and **S3 buckets** with the objects on different classes of storage (Standard, Reduced Redundancy, Standard-infer Access) and attached those volumes to EC2 Instances.
* Used **Log4J** to capture the log that includes runtime exceptions.

**Environment:** Java, J2EE 1.4, Spring Framework 4.0, Spring Batch, Spring Boot, AWS, iOT, XML, Agile Processes, HTML, CSS, JAX-WS, JSON, JMS, JPA, JNDI, JVM, JDK1.7, Jython, Amazon SQS, EC2, S3, VPC, IAM, CloudWatch, Puppet, Chef, Ansible, Docker, Nagios, SOAP, SOA, Hibernate, WSDL, WebSphere7.0, Maven, Log4J, JUnit, Oracle 11g using Toad 12.6, UNIX.

**IBM India Pvt Ltd, Bangalore, India May 2010–Oct 2013**

**Mainframes CICS Programmer  
Responsibilities:**

* Managing the transition of the project w.r.t CICS from McKesson USA to CITI, Cigna, MSSB.
* Use of **OMEGAMON** Tool for Monitoring Tickets.
* Analyzing the Changes, and approving the Change Tickets.
* Raising PMR / sending dump to support center.
* Recognizing CICS Region Problems and recycling of regions.
* Applied CICS maintenance PTF’s for all regions
* Performing RDO changes.
* ISV product upgrades.
* CICS T.S. Version upgrade tasks.
* Disaster Recovery activities.
* Preparing change plans and implementing changes.
* Handling accounts daily calls.
* ISV upgrade for INTERTEST and SYMDUMP from V 9.1 to 10.
* Upgrade CICS TS 5.2 to CICS TS 5.3
* Region Build activities.
* CICS RSU Maintenance
* Using CICS explorer for Regions comparison.
* Working on Accounts related documentation.
* Create / delete alias, datasets, dataset profiles.
* Revoke / suspend / unrevoked / unsuspend / Delete ids.
* Create rulekeys, nextkeys, rulekey split and tailoring
* Modeling with in-depth system flag access and STC ID creations.
* Generate monthly reports for active batch IDs, machine IDs and inactive customer IDs as per CBN.
* Perform Annual Machine ID remediations.
* Generate report using URT extractor tool and perform revalidation.
* Grant/delete access to Resource / Dataset rules for IBM employees.
* Worked as a Primary focal for Account Nasco and a Blue Resource for various clients: Citi Financial,

Morgan Stanley, Sears Canada, Kodak, Pearson and ICCE.

* Handle **NASCO’s** security request using NASCO’s CSR tool and ACF2 library members.

**Poornam Infovision Pvt Ltd, Cochin, India May 2008 – Apr 2010**

**Linux Server Administrator**

**Responsibilities:**

* **Firewall Installation:** Installing APF/BFD, CSF/LFD, firewall, Appending necessary Iptables rules in the

server.

* **System Integrity Monitoring:** Scanning server for rootkits using chkrootkit and rkhunter and taking

necessary steps.

* **Kernel Upgradation:** Upgrading the kernel to the latest version with **Grsec** patch.
* **Backup Configuration:** Adding backup drive to the server and configuring local and remote backups for

servers using **cPanel** backup scripts.

* **Server Setup:** Installing Web Server (Apache) along with Modsecurity, Compiling PHP with and without

cPanel scripts, along with necessary modules. Installing and configuring different web servers like Tomcat

* **Mail Servers:** Configuration of Exim servers with Clamd and auditing spam.
* **DNS Setup:** Installation of DNS servers with necessary Bind packages and configuring the DNS files of

the users according to the user’s requirement.

* **Exposure to Control Panels:** cPanel, HyperVM, HSphere, Webmin and DirectAdmin.
* **Abuse Handling:** Specialized in Nginx setups, DDoS manual mitigation, Cookie and Java refresh

tailoring, blocking and whitelisting **DoS, SYN, FIN flood attacks, PPTP, L2TP, SSTP, OpenVPN setup and**

**debugging level-3 VPN issues**

* Installation and configuration of **DNS, DHCP, NFS, NIS, HTTP, SMTP (Exim), Telnet,FTP, SSH servers.**
* Implementation of server security (**BFD, LFD, ModSecurity, DDOS, Iframe injection recovery**).
* Monitoring servers using the tool **Nagios**, installing and configuring Nagios.
* Recovering servers from file corruption from superblock level using Single-User Mode.