**Senior Java Developer,JEE Developer/ Certified AWS Developer and Certified AWS Solution Architect.**

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**SUMMARY**

* Certified AWS Solution Architect Associate (AMAZON)/Senior Java, SCBCD/PEGA 7.1.1 developer, Senior JEE Solution Architect with over 13 years of Java/J2EE Web development experience
* Proficient in Java 1.8-Lambda expressions, reactive/Functional programming, streams Concurrency/JEE, PEGA 7.1.1/8.2.2, SOA, REST SOAP/JTA/JMS/JNDI/REST/MTOM,Spring Boot, Spring IOC/DI, Spring Data, Microservices/REST/using, Java Security and other web technologies.
* Experience in Open-source Frameworks like MyFaces2.2/Struts/iBATIS/My Batis/Hibernate/IBM JWL Libraries/Spring MVC, Spring Cloud.
* Worked As JEE Solution Architect for migration of existing JWL Library to open source My Faces 2.2.
* Setting up Guidelines for migration for different MVC frameworks from struts to My faces 2.2/Rich faces to my faces 2.2/IBM JWL to My faces 2.2.
* Log42 Security Vulnerability Fixes and adopting a recommended approach.
* Migration of java Spring legacy projects to the latest version.
* Assisting developers in security junction setup using ISAM as Pluggable authentication module.
* Creating programmatic sales force tickets using REST Architecture.
* Worked as SME for project Migration from J2EE Platform to PEGA BPM 7.1.1
* Extensive experience in Full Life Cycle (SDLC) Development in Java, Java EE, JDBC, Servlets, RMI, CORBA, J2EE, Spring framework, SOA, SOAP, COM, DECOM, WebSphere application server 9.1.13, Web logic, Apache, and other related technologies
* Strong Technical communication skills and proven record of teamwork.
* Implementing Microservices Architecture/REST using SpringBoot for file upload /download.   
  To and from server (FTP)/S3 bucket.
* AWS pinpoint integration in Pega application through REST Integration Connector.
* Worked on IBM Guardium integration with java and pega applications for DB Audit logging at application level.
* Streaming application logging to Syslog using log4j Appender to –IBM QRADAR integration.
* POC done on Spring Boot, Angular JS 10,Template /Reactive forms, Two Way binding, Implementation of Angular MVC, and Node JS NPM.
* Implementing Lambda function using Lambda and NodeJS on AWS Platform.
* Spring Cloud, Feign, Eureka Naming Server, Docker,ECS,ECR,EKS.
* Extensive Database Handling Experience with popular RDBMS like SQL Server2000/SQL Server. DB2/MySQL/Oracle/postgres/RDS/DynamoDB,RDS usage on MY SQL Engine .
* Experience with PAGA 8.2.2 application development on prem AWS Cloud Environment.
* Experience with AWS S3 and EC2 /AWS Admin Console, CDK/CLI and Amazon SDK.
* Java Security with One way and Two-Way SSL on internet and intranet-based applications.
* Hands on Experience –For POC on AWS API Gateway, EC2 Instances, Security Groups, VPC,S3,AWS Lambda, No-SQL Database DynamoDB,AWS RDS,Microservice implementation using API Gateway.
* Experience with JavaScript/Typescript/Jquery2.13/Datatable/Luxon MVC Framework like Angular 10, open-source JavaScript Server Environment like Node.js.
* Excellent communication, analytical skills and flexibility to learn new technologies.
* Certifications:
* 1.AWS Certified Developer
* Authority: Amazon.
* 2. AWS Solution Architect Associate.
* Authority: Amazon.
* 3.Sun Certified Java Programmer -Java 2 Platform
* Authority: Sun Microsystems.
* 4.Certification Name: Sun Certified Business Component Developer for java 2 platform.
* Authority: Sun Microsystems.
* 3.Certification Name: Spring 4.0
* Authority: Brainbench.
* 5.Certification Name : Amazon Web Services
* Authority: BrainBench
* 6.Name: Certified Solution Architect for pega platform CSA 7.1.7
* Authority: Pega Systems.

EXPERIENCE

Senior Java Application Developer/Analyst Oct 2022– June 2024.

Consultant Senior JEE Solution Architect to NJ Judiciary.

Roles and Responsibilities:

As a solution architect in EAI (Enterprise Application and infrastructure Team) providing solutions to issues/, researching/POC on upcoming latest enterprise technologies ,product and l frameworks evaluation,researching on new libraries/frameworks to be adopted across organization, setting up templates and guidelines to be used across different. teams. for implementation and. best practices.

Technologies, Platform Used: WebSphere 9.0.13, Java 1.8, struts. IBM JWL. Apache my faces 2.2,Network Socket Programming ,Jquery,bootstrap,css.jsp

JBOSS rich faces, JDBC-Connection pooling, .MQ Connection Pooled Factories.

Involved in Full stack development in Synchronous and Asynchronous applications.

Working /Worked on JEE Enterprise projects redesign and implementing change for legacy to latest MVC frameworks incorporating best practices,performance tuning ,code changes using Java 1.8 features like Lambda Expression/asynchronous programming,Java Stream,

Developing microservices using ibm REST Architecture JAX RS 2.0 with and without SSL/Tokens /Implementing REST Client using JAX RS Token based innovation ,Java Application security using JAAS Authentication module.

EJB Migration from legacy 2.x to 3.x.

1. MVC implementation/Migration from IBM JWL library/Struts/legacy my faces 1.1 to My faces 2.2.

1.cleApp 2. Trust Fund 3. JHRIS 4. Spending Plan 5. JACS on boarding Application 6. eCourts Foundation (setting up configuration for My faces ).

JAX -RS Migration for: Civil Case Jacket/ccats-webfocus reporting.

Parsers for configuring log4j to stream data to IBM QRADAR using syslog Appender.

REST -Consumers using IBM JAX RS Tokenize based REST Communication.

Providing IBM Guardium solution from pega applications through pega Activity/ used for Database Security And Audit Logging ..

Pega Integration REST Client with AWS Pinpoint using tokenize based service.

2.Streaming Application logging Data to IBM QRADAR for security Auditing.

For JOC application (Judgment of convections). ::

Programmatic streaming of aggregate logging data from various distributed nods to IBM QRADAR Appliance which is a centralized interface for all Log Analysis.

3.adding custom logging level (audit level) in log4j2 library apart from debug, info, warn.

4. judiciary courts framework enhancements with latest java 8 runtime and language features.

5.researching and providing UI controls in different My faces implementations.

6.EJB migration and binding changes from legacy 2/x to 3.x versions.

7.Supervising developers for implementation of changes recommended.

8.involved in SDLD of project from inception to implementation.

9.worked on java security applications and appliances.

10. Design/Configuring /implementing web service security (on SOAP based) and REST Based Services.

11.configuring testing Front Side and back-end side handler in DataPower(Security Appliance from ibm used as protocol translate and ESB..

12 DB Driver performance load issues for Municipal Court Services.

13.Performance tuning solution by identifying Memory and Connection leak issues on Various Applications.

14.Researching and Developing solutions for New and Existing requirements.

3.solution to single sign on Application.

Senior Java Application Developer/Analyst Jan 2022 – Oct 2022.

Consultant to NY City FISA OPA.

Project Name : Login and Reporting ,FRS,LBP:

Technologies: Java 8, Ivy DE, Spring ,Struts, LEA ,ClearCase, Hibernate JPA on WebSphere application server-Administration too.

Worked on FRS (FISA -app for claims and reimbursement of overpayment of taxes to IRS, which IRS returns to FISA and FISA disburse amounts to Employees.) Application Development,

End to End Integration with Business and Backend Layers using Enterprise design patterns.

Worked on Web Dev and OPA apps using Java11 /JEE /spring /jQuery/Ajax/Bootstrap.

Enhancements, migration, and redesign:

1.Browser compatibility issues for excel displays using jQuery/bootstrap/ajax.

2.log4j shell Vulnerability and migration from log4j1.x to log4j2 .

3.Spring migration from version 3 .x to version 4.x.18.

4.Hibernate migration.

5. WebSphere Application Server migration

**AWS -Labs and Work:**

Networking Designing /and creating VPC,Subnets----public and private subnets,VPC Peering(Inter regions and intra region),Configuring NACLS and Security groups ,Rout Tables for Network traffic control and Security,NAT Gateway,Internet Gateway,----hybrid cloud using Ipsec VPC tunnels,VPC endpoints and VPC Interface.

**Compute Side of AWS:**

Spinning of Compute resource EC2(General purpose t2/t3.micro,mXlarge) using CentOS/Amazon Linux, and Ubuntu. Installing and running WordPress ,spring boot microservices on tomcat on ec2 instances.

Amz linux 2023 IDMSv2 usage.

Creating elastic ip’s switching to diff ENI’s.

Running EC2 for high availability using different types of load balancers (ALB,NLB,CLB,Gateway load balancers).

**IAM :**

Setting up Roles for AWS Resource to Another AWS Resource access permissions,Firewall permission Security Groups,

Role based access Vs Group Based access.

Setting up Policies on Groups/adding users to Groups,inline edit and using policy generator .

RDS ::

Launching RDS instance using MYSQL Engine Multi AZ -Synch replication VS Read Replica Asynchronous replication.

RDS Proxy Connection Pooling.

**ElastiCache** : REDIS Vs MemCached : setting up REDIS Cluster .

**Storage Services**

**Object Storage S3**:

Creating a static website using s3 buckets.

Storing objects in buckets using different S3 classes (Frequently accessed. Infrequently Accessed and Single Region IA,Intelligent Tiering).

Querying objects using Redshift Specturm, Athena.

**File Storage Services**: EFS -PSOIX ,Fsx for SMB and PSOIX.

**Configuring Storage Gateway**.

**Block Storage** : Creating EBS Volumes and Mounting NFS Client on EC2 Instance.

**Auditing and Governance:** using AWS Cloud Watch,AWS Cloud Trail

ETL/Big Data/Analytics: Redshift, AWS Glue.

Containerization: ECS/Fargate.

**No SQL Database:** DynamoDB.

**Serverless/Functional Programming**: Implemented Lambda Functions using Node.js and java language,efficient in python use also.

Configuring events ,Triggering Lambda functions on events related to s3 and DynamoDB.

Trigger Lambda functions with integration with API Gateway.

**Domain Hosting Service: Route53** : Created hosted zones and provided routing using weighted ,fail over ,simple, geolocation.

**SDK –Java Programming Side:**

**Configuring Eclipse for Amazon SDK.**

Programmatically working with S3 /Administering.

Developing and deploying lambda functions.

Accessing RDS through Java Applications.

Programmatically accessing no SQL Dynamo DB Database with low level and High Level API calls.

Developing micro services using Spring Cloud Framework using Maven dependencies for Eureka Naming Server, Feign. Inter REST service communication.

**Creating Docker images using ECR**.

**Senior Java Application Developer/Analyst April 2021 – June 2021**

**Consultant to IRS through SD Solutions.**

**Project Name : CADE, Performance Logger ,Report 30,Tax Mod :**

Technologies: Java 8, Maven, Spring Batch, Sonarqube.

Worked on CADE 2 Application migration /modernization of Application engine from mainframes to Java JEE platform.

Worked on Logger performance for measuring performance metrics (CPU and Memory

And custom metrics) to be used across various applications and modules.

Report 30 is application developed to produce reports from binary data after application of business business logic.

File Comparison fed from binary source to comparisons after migration to CADE.

Center to the Framework loT of IO reads, processing and IO File Writes.

Role:

Involvement in Analysis development, comparison and enhancement to existing modules on UI and Back-end Side basically migration from legacy Mainframes to Distributed java application..

**Senior Java Application Developer/Analyst Mar 2011 – July 2020**

**NJ State Dept. of Justice - Trenton New Jersey**

**Worked as Lead Full Stack Developer on list of projects :**

**Project Name: NJMC Direct Online Ticket Payment**

**Description:** The State of New Jersey’s Administrative Office of the Courts (AOC) maintains the Automated Traffic System (ATS) This Enterprise level Transnational Business to Consumer Application allows the Customers to pay their tickets online through this website. Tickets issued from Parking Authority, police officer in car types of violations are paid through this application. The Administrative functionality of Application provides the Charge back on Credit Cards and Time Payment Order through java /JEE based web application.

**Project Name:eTicketing**

Description: The State of New Jersey’s Administrative Office of the Courts (AOC) maintains the Automated Traffic System (ATS), which is used in each of the state’s 529 municipal courts for the filing and processing of the over 5 1/2 million traffic and parking tickets issued annually. The AOC has worked with the New Jersey State Police (NJSP) and the Attorney General’s Office to jointly develop a standard methodology and interface for the state’s law enforcement agencies to generate and electronically file traffic tickets. The electronic ticket system (e-Ticket) will enable any contracted and authorized law enforcement computer vendor to develop and maintain a wireless system to automate the ticket issuance process and transmit traffic tickets directly into the ATS database through the NJSP network. The e-Ticket Enterprise level non-Transactional Secured Web services enabled system will allow officers the ability to create, validate and print parking and motor vehicle violation tickets either wirelessly from a police vehicle or from an authorized computer located at any participating law enforcement agency. This Enterprise level application not only allows police officers to create ticket, but also allows Red light Camera tickets issued to the Defendants

**Project Name: e-Criminal Disposition Report (eCDR)**

Description: The electronic Criminal Disposition Report (e-CDR) is an Internet application used by Police officers or Law enforcement officers. This application allows the users to generate, maintain, view and print the Criminal Disposition Report for Summons or Warrants. The Police Departments use the CDR Processing feature to create a new form, generate, maintain and view the CDRs for Summons and Warrants only. This system will enable the users to print CDR forms on plain paper on any normal laser printer. The e-CDR Architecture is component-based model built on J2EE technology based on n-tier application with separate layers for MVC provided for better isolation

**Programmer /Analyst Oct 2009 – Aug 2010**

**Verizon Wireless - Warren, New Jersey**

**Project Name: Sync Engine/ICS Web/OPAL Application**

Description: Sync Engine Application: Clients use this application to connect to various ISP ‘s to Sync Mail and contacts from their desktop and mobile client. The Architecture is based on Asynchronous Web services communication. This covers Notification /Subscription, On Demand and auto Sync. Once the user subscribes for New Mail/Move Mail /Delete Mail Action, Notifications are received for the user from ISP, Address Book Sync and Mail Sync is done on demand Basis and Polling Basis. OPAL Application: Online Customer Service Billing Info Application, categorized as Enterprise Level Business to Consumer. Transactional secured Web Services enabled. The Enhancement in application, displays to Customer about his or her Sync History Information, Profile Service.

**Sr. Java/J2EE Developer Oct 2006 – Nov 2007**

**NJ State Dept of Justice - Trenton, New Jersey**

Description: Single Sign On is an application used by all other Internet and Intranet Applications for Single Point of Entry into Multiple Applications. It Provides Access to Authenticated and Authorized users in NJ State Department Internet/Intranet Application. SSO Application has different types of users Internal and External Users. Internal users include Application Administrators who is being Authenticated and Authorized against LDAP /TAM and Web Seal. Web Seal is acting as a Single Sign on Application. SSO Application level of Single Sign on is implemented using J2EE n-Tier distributed. Enterprise Application. End Users of This Application are General Public who must register with the website and Administrators who are internal users. Administrators assign Application Access, Loads Thousands of user using (Batch load) and Group Load. The Design and Architecture of this Application uses Various J2EE best practices, Design Patterns and Frameworks like Struts/IBATIS/Castor/Command Framework.

**Project Name: Data warehouse Report Store Development.**

Description: DWPA Store is an E-Business N- Tier Application. Application used by Attorney’s to buy Reports for the major incidents occurred like Report of tickets issued for traffic violation, Report of other offenses, Accidents and other Violations. DWPA Admin will Published/Unpublished the Reports and Queries. Attorneys are The End User of reports and Queries. Report Store Module Comprises Stages of Uploading/Publishing /Selling /Credit and Charge back functionalities on Reports.

**Web Developer Jul 2004 – Dec 2005**

**Verizon - New York, New York**

Project Name: Telecommunications Tax Decision Database (TDDB)

* Software Developer Apr 2003 – Jul 2004

University of North Carolina Hospital – Durham, North Carolina

**Project Name: Webcis**