## SUMMARY

* 25+ Years of IT Experience – played multiple roles, from Sr.Developer, Sr.Engineer
* 18+ Years of Microservices Development with Spring MVC, Spring Boot, NodeJS with Express JS, MogoDB, Rest/SOAP API Integration and Camel Integration using Enterprise Design patterns, Enterprise Service Bus.
* Good Hands-on Experience on Functional Programming using Java 8, ES6 TypeScript, Lambda Expression and Streams API
* 12+ Years on Multiple Cloud AWS, Azure, Google Cloud
* 12 + Years of AWS Cloud Experience with 5+ Years on AWS Serverless
* 9+ Years of JavaScript, TypeScript ES5, ES6 Backend Development with NodeJS- JavaScript,TypeScript -ES5, ES6
* 9+ Years Exp using Rest Frameworks viz., Express, Fastify Framework experience using NodeJS-TypeScript-ES5, ES6
* 9+ Years on Building Rest API using NodeJS, [Express JS,](https://www.serverless.com/blog/serverless-express-rest-api/) AWS Services, Serverless Framework, Cloud Java Migration to NodeJS/Serverless, MongoDB, Mongoose
* 9+ Years of Oauth, Spring Security, Authentication, Authorization, Oracle Identity Access Management, LDAP integration with Java, Ping, Okta Identity Management Integration
* AWS- consume SOAP, Rest, API, developed wireless Functionality for SiriusXM Connected Vehicles
* Worked on Serverless with Clients viz., TECO Bell, SiriusXM, College Board, Sirius XM, Cigna

**Skill Set:**

|  |  |
| --- | --- |
| Java | Java- Java 8 Features- Java Lambda, Streams API, JUnit Testcases  Python – Exposure to Python |
| NodeJS | JavaScript, ES5, ES6, TypeScript, NodeJS, Java Promises, Mocha, Chai, Sinon Unit Test Cases |
| AWS SDK with Java, Node, Python | API Gateway, Lambda, DynamoDB, S3, SNS, SQS, SES, Serverless, SAM, AWS CDK, Cloud Formation, Terraform, AWS Athena, Glue, Data Pipeline, Cloud Watch,  APP Sync, Graph QL, Docker, Kubernetes-EKS, AWS Event Bridge |
| Microservices | Java, Spring Boot with Microservices with Eureka, Zuul, Ribbon, Config Service,  Deploying Java Microservices on AWS Cloud |
| Container Services | Docker, Kubernetes, AWS EKS |
| RDBMS DB | Oracle, MS SQL Server, MySQl, PostgreSQL |
| NO SQL DB | Cassandra, Dynamo DB, |
| Document DB | MongoDB, Amazon Document DB, |
| Key-Value DB | Redis, Memcached, DynamoDB |
| Operating Systems | UNIX, Windows, Mac OS |
| Storage | AWS S3 |
| Compute | AWS Lambda using Node JS, Java Runtime |
| Databases | AWS Dynamo, Athena, Data Pipeline |
| Messaging | AWS SQS, AWS SNS, AWS Event Bridge |
| Version Control | Git, Bitbucket |
| Code Deployment | AWS CDK, CloudFormation, Jenkins |

**Education**

* [Master of Technology](https://www.iete.org/ALCCQP/ALCCS.HTM) (MTech/MS) [IETE New Delhi](https://www.iete.org/), India.

Certifications:

* [AWS Cloud Practitioner](https://aws.amazon.com/certification/certified-cloud-practitioner/)
* [AWS Certified Solution Architect](https://www.credly.com/badges/b4ca2b8f-165f-4e51-986b-a12e8d25d5f0/public_url)

Employer:

* AA Software Networking INC – AASoftnet.com

## PROFESSIONAL EXPERIENCE

**Client: Cigna Health Care – MLive Integration**

**Role: Technical Lead**

**Duration: Feb 2023 to Till Date**

## MD Live Health Care Patient Portal API Integration

<https://developers.mdlivetechnology.com/#health-conditions-list>

MDLIVE will be the world's highest quality, largest provider of virtual health management and care, recognized for world class consumer and clinician experience.

As Sr. Engineer, my role is understanding the MDLive API and convert them into Provider Specific Requirement. I am working with provider community platform where clients as use to provide the API in FHIR Standards. I role is to understand and provide Middleware Composable API where providers can consume in FHIR Standards

Application Features

* User Profile
  + Switch Profile, Manage Account, Add New Dependent, Sign Out, Help & Support
  + Account Details, Security & Login, Payment & Billing, Family Members, Activity History
* Messages
* Appointments
* Search Provider
* Patient Assessments
* Allergies
* Behavioral Health History
* Consultation Summary
* Customer Documents
* Health Condition
* Insurance
* Medical Condition
* Messages
  + https://www.hl7.org/fhir/R4/communication.html
* Surgeries/Procedures

**Programing Language: JavaScript, TypeScript, Node JS, Java, Python**

**Databases**: SQL, DynamoDB, MongoDB,

**IDE:** VSCode, IntelliJ, AWS Toolkits for debuting Lambda with AWS SAM

**AWS SDK: https://aws.amazon.com/sdk-for-javascript/**

**AWS Skills** - AWS Serverless Stack, API, Lambda, DynamoDB, SQS, SNS, TypeScript, Event Bridge

Rest Frameworks: Java with Spring Boot, Fastify with NodeJS

**Unit Testing**: Jest using TypeScript

**IAC**: CDK, AWS Serverless, AWS CLI,

AWS Services, S3, Lambda, Event Bridge, Step function, DynamoDB, SNS, SQS, DynamoDB, MogoDB, NodeJS, TypeScript using ES6

Deployment Model: AWS Lambda, EKS, Terraform

Front-End: Angular JS

Java Platform:

Java, Spring Boot Microservices, with Hibernate.

**Client: Taco Bell® - Yum (Emp-Id: sxg6321)**

**Role: Sr. Cloud Engineer/ Sr. Cloud Developer**

**Duration: December 2022 to Feb 2023**

**Reporting Manager: Toan Vu -** **https://www.linkedin.com/in/toan-vu-7a0912189/**

## Taco Bell® – HR Middleware Application – Migration. Tecobel has lot of external applications for onboard Employee in a Store. One of the systems is ERS. ERS send the data as xml file for onboard employees to AWS Cloud. My Role is to build and enhance back-end application to parse the data and integrate with Patch API for Employee Migration.

## Middleware – Use Case 4 /Microservices– ers to Tracks

## Some of the Operations for Employee Migration are – Employee Actions – Replacing API with Patch Endpoint. – Rest Integration with Axiom

## Change of Address

## Salary Change

## Promotion

## Demotion

## Leave Return Date

## Leave Data.

## Roles and Responsibilities:

* Understanding requirements
* Interacting with stake holds and business SME.
* Developing Microservices, Rest/Soap Services, Rest/Soap Integrations using axiom js, AWS SDK for NodeJS, AWS CDK- IAC, Typescript, Serverless using Event Bridge, SNS, SQS, Lambda, Dynamo DB, Mongo DB
* Code development using vscode, intellij
* Unit Testcases using Jest
* Review Design with Principal Architect
* Coding, Testing, Deployment

**Programing Language: JavaScript, TypeScript, Node JS**

**Databases**: SQL, DynamoDB, MongoDB,

**IDE:** VSCode, IntelliJ, AWS Toolkits for debuting Lambda with AWS SAM

**AWS SDK: https://aws.amazon.com/sdk-for-javascript/**

**AWS Skills** - AWS Serverless Stack, API, Lambda, DynamoDB, SQS, SNS, TypeScript, Event Bridge

**Unit Testing**: Jest using TypeScript - ES6

**IAC**: CDK, AWS Serverless, AWS CLI,

AWS Services, S3, Lambda, Event Bridge, Step function, DynamoDB, SNS, SQS, MogoDB, NodeJS, TypeScript - ES6

**Client: T-Mobile**

**Role: Tech Lead/ Sr. Cloud Engineer/ Principal Architect**

**July 2022 to December 2022**

Manager: **Siva Sareddu (https**://www.linkedin.com/in/sivasareddu/)

## T-Mobile has PacBot(<https://opensource.t-mobile.com/blog/posts/introducing-pacbot/>) is an home grown application. It is a enterprise security tool which reports security alerts for all the cloud and on-prem resources. I am part of security data ingestion using aws serverless framework using NodeJS/JavaScript as Programming Language. I am responsible for porting Assets Information and Volitation Feeds to PacBot understanding format. Besides that, providing solutions to violation with one click remediation process

Roles and Responsibilities:

* Understanding requirements
* Interacting with stake holds and business SME
* Design
* Detail Design
* Review Design with Principal Architect
* Code Impact Analysis
* Developing Microservices, Rest/Soap Services, Rest/Soap Integrations using axiom js, AWS SDK for NodeJS, AWS CDK- IAC, Typescript, Serverless using Event Bridge, SNS, SQS, Lambda, Dynamo DB,
* Code development using vscode, intellij
* Unit Testcases using mocha, chai, sinon
* Code Coverage using nyc
* Coding, Testing, Deployment, QA handover

**Programing Language: Java, JavaScript, TypeScript, Node JS, Python**

**Databases**: SQL, DynamoDB, MongoDB,

**IDE:** VS Code, IntelliJ, AWS Toolkits for debuting Lambda with AWS SAM

**Databases**: SQL, DynamoDB, MongoDB

**AWS SDK: https://aws.amazon.com/sdk-for-javascript/**

**AWS Skills** - AWS Serverless Stack, API, Lambda, DynamoDB, SQS, SNS, TypeScript, MongoDB, NodeJS, TypeScript - ES6

**Unit Testing**: Mocha, Chai Sinon, using TypeScript

**IAC**: CDK, AWS Serverless, AWS CLI,

**Client: College Board**

**Role: Sr. Cloud Development Engineer**

**Duration: March/April 2021 to June 2022**

**Client Manager: Sherry Chen**

AA Software Networking INC is in the process of Merging with Cloud Next Inc.

Work Location: Home; Remote, Dallas, TX

**Use Cases/Modules:**

* msta-bulk-base – node module/library
* ta-common -node module/library.
* msta-bulk-holds – use case/microservices
* msta-appsync-api – AWS AppSync GraphQL/Rest api Integration with Reacts
* msta-bulk-cancel – use case/Microservice
* msta-bulk-modify – use case//Microservice
* Reports
  + Athena Reports – Reports on S3 JSON Data

Roles and Responsibilities:

* Understanding requirements
* Interacting with stake holds and business SME
* Design
* Detail Design
* Review Design with Principal Architect
* Code Impact Analysis
* Developing Microservices, Rest/Soap Services, Rest/Soap Integrations using axiom js, AWS SDK for NodeJS, AWS CDK- IAC, Typescript-ES6, Serverless using Event Bridge, SNS, SQS, Lambda, Dynamo DB,
* Code development using vscode, intellij
* Unit Testcases using mocha, chai, sinon
* Code Coverage using nyc
* Coding, Testing, Deployment, QA handover

**Programing Language: Java, JavaScript, TypeScript, Node JS, Python**

**Databases**: SQL, DynamoDB, MongoDB,

**IDE:** VS Code, IntelliJ, AWS Toolkits for debuting Lambda with AWS SAM

**Databases**: SQL, DynamoDB, MongoDB

**AWS SDK: https://aws.amazon.com/sdk-for-javascript/**

**AWS Skills** - AWS Serverless Stack, API, Lambda, DynamoDB, SQS, SNS, TypeScript, MongoDB, NodeJS

**Unit Testing**: Mocha, Chai Sinon, using TypeScript

**IAC**: CDK, AWS Serverless, AWS CLI,

IDE: IntelliJ, VS Code Editor, AWS Graph QL Explorer, AWS Toolkits for debuting Lambda with AWS SAM Docker Runtime

NodeJS: as part of day to day, I need to work on AWS Serverless programming model using AWS SDK for JavaScript. More information can be found in <https://aws.amazon.com/sdk-for-javascript/>. With the current client we opted NodeJS with TypeScript with NodeJS 12 as Runtime. AWS Lambdas are computed modules (Functions) where business logic is built. AWS CDK using Typescript is used to build the Microservices on AWS Cloud. More Information can be found at https://docs.aws.amazon.com/cdk/v2/guide/work-with-cdk-typescript.html

Working on AWS Serverless Stack for Cloud Next Platform

* Developing Application for AWS Serverless Platform using Java and Node JS
* Building Organization Website using AWS Serverless Technologies
  + Code Deployment
    - AWS CDK
  + Code Pipeline
    - AWS Build Tools
  + Repository
    - BitBucket
  + AWS Serverless Stack using NodeJS Runtime
    - API Gateway
    - Lambda
    - DynamoDB
    - AppSync -GraphQL
    - SNS
    - SQS
    - Athena
    - Glue
    - DataPipeline
    - S3
    - CloudWatch
    - CloudWatch Dashboard
    - AWS Cognito
  + Docker
  + AWS ECR, AWS Fargate
  + IDE: WebStrom, VSCode, Intellij
  + Debug: AWS Toolkits for debuting Lambda with AWS SAM Docker Runtime

**Client: Sirius XM – Connected Vehicles Division**

**Role: Sr. Cloud Development Engineer**

**Sept 2019 to March 2021**

Working on AWS Serverless Stack

Understanding Legacy code in Spring 2.5 / Spring 3.0 for connected Vehicles. Transform the Java Webservices into AWS Services using Serverless Architecture.

* Wireless Communication- for connected Cars - Implementations
  + Aries, Jasper wireless Integration using Serverless Framework
  + DataSync – for Billing event system for Activation, Deactivation
  + Developing API using AWS Stack { API Gateway, Lambda, Step Functions, DynamoDB, SQS, SNS }
  + Deploying artifacts using CloudFormation, Serverless framework
  + Unit Test Cases with Chai, Sinon, Mocha
  + CloudWatch Dashboards, Kibana Dashboards, Dynatrace configuration
  + AWS Firehouse configuration to send the log steams to Kibana and down steam systems
  + Automation Frame working for API Validation.
  + CloudFormation and Serverless – using YML deployments
* Roles and Responsibilities:
  + Understanding requirements
  + Interacting with stake holds and business SME
  + Design
  + Detail Design
  + Review Design with Principal Architect
  + Code Impact Analysis
  + Developing Microservices, Rest/Soap Services, Rest/Soap Integrations using axiom js, AWS SDK for NodeJS, AWS CDK- IAC, Typescript, Serverless using Event Bridge, SNS, SQS, Lambda, Dynamo DB,
  + Code development using vscode, intellij
  + Unit Testcases using mocha, chai, sinon
  + Code Coverage using nyc
  + Coding, Testing, Deployment, QA handover

**Programing Language: Java, JavaScript, TypeScript, Node JS, Python**

**Databases**: SQL, DynamoDB, MongoDB,

**IDE:** VS Code, IntelliJ, AWS Toolkits for debuting Lambda with AWS SAM

**Databases**: SQL, DynamoDB, MongoDB

**AWS SDK: https://aws.amazon.com/sdk-for-javascript/**

**AWS Skills** - AWS Serverless Stack, API, Lambda, DynamoDB, SQS, SNS, TypeScript, MongoDB, NodeJS

**Unit Testing**: Mocha, Chai Sinon, using TypeScript-ES6

**IAC**: CDK, AWS Serverless, AWS CLI,

IDE: IntelliJ, VS Code Editor, AWS Graph QL Explorer, AWS Toolkits for debuting Lambda with AWS SAM Docker Runtime

Note: Last two years, I have been working on AWS with NodeJS, JavaScript and AWS JavaScript SDK, Lambda Runtimes with Java and Node JS. Continue to look for the opportunities on AWS with Node JS, Java. Fascinated with AWS Cloud Technologies and would like to continue on Serverless Framework.

Integration with AWS Lambda with Java Runtime, Deploying Microservices with Docker and AWS Faregate configuration.

**Previous Organizations Details**

|  |  |  |  |
| --- | --- | --- | --- |
| **Organization** | **Role** | **Execution Time** | **Clients** |
| Cognizant Technologies | Hands on Development, Design, Detail Design, Code Analysis, Application Architecture | Feb 2014 – Sept 2019 | Pearson Technology Centre Inc, NJ  Farmers Insurance, LA, CA  PayPal, San Jose, CA  eBay, San Jose, CA  Kaiser Permanente, CA  Verizon, Irving, TX  MoneyGram International Inc, Dallas, TX  National Life, Dallas, TX  Skills  Developing microservice using Java, Spring Boot, NodeJS with Express JS, Docker, Kubernetes, AWS, Azure, GCP, Oracle, MSSQL Server DynamoDB, Mongo DB |
| Cognizant Technologies | Application Architect | June 2011-Feb 2014 | Univision TV Media and Telecommunications, Assert Management |
| Cognizant Technologies | Lead Programmer, Technology Specialist | Oct 2006-June2011 | UGC, Welpoint, Sony, Maritz |
| SLK Software Services | Designer | June 2004 – September -2006 | M NT bank, EDC USA. |
| ITC InfoTech India/UK | Sr. Developer | 2000 October - May 2004 | ITC International Business Division, AOL, Fiat UK CRM Division |
| Indosoft International | Web Developer | 1999 June to 2000 Sept | Indosoft INC., USA |