

# CURRICULUM VITAE

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## Objective

To work in an industry that provides a responsible, challenging role and utilizes my technical, management and analytical skills to the full extent, also to contribute significantly towards the growth of an organization.

## Educational Qualification

*Master of Computer Application*

## Working Experience

- Total **3 Years 8 months** of Experience in Software Development
- Working as **Freelance Software Developer** Since **Jan 2018**
- Worked as **Software Trainee** at Stratosphere IT Services Pvt Ltd from **July 2017 to Dec 2017**

## Skill Set :-

- Database:- **MySQL, MongoDB**
- ORM Tools:- **Spring Data JPA, MongooseJS**
- Web Application Frameworks:- **Angular, Angular CLI, ExpressJS, Spring Boot**
- Programming Languages: **Java, JavaScript**
- Web Technologies: - **HTML5, SCSS, Typescript, XML, JSON, NodeJS, RxJS, Socket.IO**
- Testing Framework:- **Protractor**
- UI Component Library:- **Angular Material, Bootstrap**
- CI Server:- **Jenkins**
- Amazon Web Services: **EC2, S3 Bucket, Code Commit, AWS Lambda, AWS IAM and API Gateway**
- Google Cloud Platform: **App Engine, Data Store, Cloud Storage, Cloud KMS, Cloud Source Repositories, Cloud Build, Compute Engine VM**
- Microsoft Azure: **Azure VM, Azure DevOps Pipeline**
- Firebase:- **Authentication, Database, Hosting**
- Version Control System:- **SVN, Git**
- Web Server – **Nginx, Tomcat**
- Knowledge on Software Development Life Cycle
- Good Understanding of **DOM** and **BOM**
- Good Understanding of **OOP** Concepts
- Good at writing **SQL** queries
- Good Understanding of **MVC** Architecture

## Projects:

### 1. Project Name: Lio Insurance (Dec 2020 to Mar 2021)

#### Technologies Used:

- **Front-End:** VueJs
- **Back-End:** AWS Lambda (Node JS)
- **Database:** Snowflake, AWS DynamoDB
- **Cloud:** AWS S3 Bucket, AWS DynamoDB, AWS API Gateway
- **3<sup>rd</sup> Party Applications:** OneShield, Okta, Workday
- **3<sup>rd</sup> Party Services:** ClarionDoor Rating, Guy Carpenter, SmartyStreets
- **CI/CD:** Jenkins

**Brief Description:** Lio Insurance provide a truly unique and pleasant insurance experience by combining our deep insurance expertise with state-of-the-art digital capabilities. Our purpose is to make the process of selecting and purchasing specialized insurance policies for condominium and homeowner associations faster, easier, and more intuitive

#### **Some Features of LIO Insurance:**

- A simple and intuitive application process that allows for straight-through processing
- Immediate policy issuance
- Simple, online claims submission process
- 48-hour endorsement processing
- Flexible e-payment installment options (credit card, ACH, Apple Pay, Google Pay)

#### **My Contribution:**

#### **Backend**

- Creating and Deploying Lambda Functions (NodeJS) as per Requirement
- Integrating SOAP API (OneShield)
- Worked on DynamoDB

### 2. Project Name: Lafiya Telehealth (Aug 2020 to Nov 2020)

#### Technologies Used:

- **Front-End:** Angular version 8 with Angular Material
- **Back-End:** Node JS , Swagger, Socket.IO
- **Database:** MongoDB
- **Cloud:** Microsoft Azure VM, Azure Devops , Twilio, Google Compute Engine VM, Google Cloud build, Cloud Source Repositories
- **3<sup>rd</sup> Party Services:** Twilio

**Brief Description:** A revolutionize **telemedicine & healthcare services platform** for instant access to affordable healthcare services ! We are a One-stop platform that gives millions of people in the world timely access to clusters of medical experts worldwide via video/voice chat consultations from the comfort of their home, quality diagnostic tests, genuine medications, specialist referrals through an affordable subscription plan that requires no out-of-pocket payment

### **My Contribution:**

#### **Frontend**

- I worked on Angular App
- creating modules, Component , Directives, pipes, Services as per requirement
- integrate Twilio Programable Video Service for Video Call and Socket.Io Client for chat

#### **Backend**

- I worked on backend – NodeJS
- Creating Schemas, Controllers and Services as per requirement
- integrate Twilio Programable Video Service for Video Call and Socket.Io for chat

#### **Devops**

- I wrote Azure DevOps Pipeline for CI and CD to Deploy on Azure VM on every merge to Master Branch.
- Migrated Application From Azure to GCP
- Wrote Cloud Build pipeline for Continuous Deployment
- Generated SSL Certificate through GoDaddy and Installed it in Nginx

### **3. Project Name: Dynasty Esports (MESF) (Apr 2020 to Aug 2020)**

#### **Technologies Used:**

- **Front-End:** Angular version 9 with SSR (Angular Universal), Bootstrap
- **Back-End:** Node JS - Serverless (AWS Lambda)
- **Database:** MongoDB
- **Cloud:** AWS S3 Bucket, AWS Lambda , Amazon Cognito, Amazon DocumentDB

**Brief Description:** Dynasty is an Esports Tournamanet Management System and Gaming news portal with interesting info about video games, the game industry, eSports, technology, and Game Vouchers.

### **My Contribution:**

#### **Frontend**

- I worked on Angular App

#### **Backend**

- I worked on backend - NodeJS(Serverless)

### **4. Project Name: Partnership Against Child Exploitation (PACE) (Feb 2020 to Apr 2020)**

#### **Technologies Used:**

- **Front-End:** Angular version 8 with SSR (Angular Universal), Bootstrap
- **Back-End:** CMS
- **Cloud:** Google Cloud Functions and SendGrid

**Brief Description:** The Partnership Against Child Exploitation (PACE) is a ground-breaking partnership of private sector, academic, media development and civil society organisations working together to combat the exploitation of children in the worst forms of child labour.

### **My Contribution:**

#### **Frontend**

- I Worked on Angular App
- I worked on Angular Universal
- Made this Website SEO Friendly and Auto Populate Stuff When sharing On Social Media Websites

#### **Cloud**

- Google Cloud Function to Recieve Form Data from Angular App and Send it Through Email by Using SendGrid

### **5. Project Name: TrustLaw (Sep 2019 to Feb 2020)**

#### **Technologies Used:**

- **Front-End:** Angular Version 5, Bootstrap
- **Back-End:** NodeJS, Express, Salesforce, Firebase
- **Database:** Salesforce
- **Cloud:** Google Cloud Datastore, Google cloud App Engine, Google Cloud Storage, Google Cloud KMS

**Brief Description:** TrustLaw is the Thomson Reuters Foundation's global pro bono legal programme. We connect high-impact NGOs and social enterprises working to create social and environmental change with the best law firms and corporate legal teams to provide them with free legal assistance

#### **Some Features of TrustLaw:**

- Our free legal service enables NGOs and social enterprises to streamline operations, expand into new countries and scale their impact. This helps them focus on their mission without spending valuable resources on their legal needs. It will Show You How much time you have given to which subject
- We run accredited legal training on social enterprise and impact investing as well as capacity-building workshops and webinars to provide practical guidance on legal issues relevant to NGOs and social enterprises.
- TrustLaw produces a wide range of tools to help our NGO and social enterprise members address their legal needs and support their advocacy efforts. We also provide legal teams with the resources to build and strengthen their pro bono practice, navigate regulatory requirements and engage in successful pro bono partnerships.

## **My Contribution:**

### **Frontend**

- I Worked on Angular App
- Created Modules, Component , Services, Directives, Pipes as Per Requirement

### **Backend**

- I Worked on NodeJS App + Firebase + Salesforce + Google Cloud
- I worked on NodeJs app to Interact With Salesforce and Google Cloud services to Implement the business Logic
- Salesforce part is limited to Just Writing SOQL Queries fetch, save and update data
- Firebase For authentication

## **6. Project Name: RealTimeDeals (Jul 2019 to Sep 2019)**

### **Technologies Used:**

- **Front-End:** React Native
- **Back-End:** NodeJS, ExpressJS, MongooseJS, Firebase Cloud Messaging
- **Database:** MongoDB

**Brief Description:** It is a mobile app (Android and iOS), Restaurant Aggregator App.

### **Some Features of RealTimeDeals:**

- Restaurants will add Deals, Consumer will be able to see deals created by Restaurants nearby their location
- Consumer will redeem the deal and then go to restaurant and Claim their Deal in stipulated Time
- Push Notificaton

## **My Contribution:**

### **Backend**

- I Worked on NodeJS App, Creating APIs as per Requirement
- I Implemented Push Notification

## **7. Project Name: Neocepts Tower Master (Customized IoT Solution Using Thingsboard) (Jan 2019 to Jul 2019)**

### **Technologies Used:**

- **Front-End:** AngularJS
- **Back-End:** Spring Boot App
- **Database:** PostgreSQL
- **Open Source IoT Platform:** Thingsboard

**Brief Description:** It is an IoT platform for data collection, processing, visualization, and device management.

### **Some Features of Thingsboard:**

#### **Provision and manage devices and assets**

Provision, monitor and control your IoT entities in secure way using rich server-side APIs. Define relations between your devices, assets, customers or any other entities.

#### **Collect and visualize data**

Collect and store telemetry data in scalable and fault-tolerant way. Visualize your data with built-in or custom widgets and flexible dashboards. Share dashboards with your customers.

#### **Process and React**

Define data processing rule chains. Transform and normalize your device data. Raise alarms on incoming telemetry events, attribute updates, device inactivity and user actions.

### **My Contribution:**

- I Worked on Dashboard and Developing Widgets by using third party library and Customize Existing Thingsboard Widgets
- I Wrote Logic to Decode The Data Coming from the devices and conversion like GPS Coordinates
- Conversions from DMS to DD
- I Wrote Rule Chains for Sending an Alert Email if Values Goes above or below the Limit

## **8. Project Name: GST Voice (Jan 2018 to Jan 2019)**

### **Technologies Used:**

- **Front-End:** Angular Version 6, Angular Material, Covalent Teradata
- **Back-End:** Spring Boot App
- **Database:** MySQL

**Brief Description:** It is a Web App for Filing GST Returns,

### **Some Features of GST Voice:**

- Validation of data at every step to avoid entry of incorrect data.
- Easy Reconciliation of Purchase Invoice to avoid error or omission.
- Easy tracking of Monthly and yearly summary of Sales, Purchase, ITC and tax liability.
- Filling of return is easiest task, all the details in return will be auto populated as per the Invoice generated.
- Invoices can be prepared via GST Voice itself and allows instant printing facility.
- Provides Security vide managing the role of each user and creation of user group.
- Easy import of data in bulk.
- Customization of Invoices/printing option etc.
- Automatic error identification before uploading the data to GSTN.
- Customize Reports to help you get insight on your data.
- Cloud based web application, accessible from virtually any internet-connected device.

## **My Contribution:**

### **Frontend**

- I Worked on Angular App
- I Wrote E2E test cases in protractor

### **Backend**

- I Worked on Spring Boot App and Spring Data JPA
- Created Controller, Services and JPA Repositories as per requirement

### **DevOps**

- I Setup **Jenkins Server** on the same Server where SVN server was running, On every Commit It will try to build the app, if build fails an email will be sent to all developers, if build success the build will
- be uploaded to **AWS S3 Bucket** with the current date as the build name.
- I Wrote a python script that will increment the build number if build success
- I Wrote a PowerShell Script that will be executed manually from **AWS EC2** Instance, It will download the latest build from **S3 Bucket** and Deploy in **Tomcat**

### **Languages Known**

<b>Language</b>	<b>Write</b>	<b>Speak</b>
English	Yes	Yes
Hindi	Yes	Yes

### **Personal Details**

**Father's Name:** Murari Lal

**Date of Birth:** 09-july-1992

**Hobbies:** Listening to Music

**Nationality:** Indian

### **Declaration**

I hereby declare that all the information provided above is true and correct to the best of my knowledge.

**Date:** 02-Mar-2021

Raj Kumar Sharma