**Ranjan Sharma**

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**Experience Summary:**

* Having vastexperience in Full stack Web Development with devops for multiple cloud platform.
* Developed applications using **JavaScript, MongoDb, OracleDb** and **Node.js**. Tested same using JMeter and used e2e frameworks such as Mocha.js, Senon
* Develop the overall architecture of the web application serving various needs such as communication, ecommerce, single page web applications, hybrid/responsive applications, information portal, etc.
* Hand on experience in Developing the application using **SOLID Principles** and **Design Patterns.**
* Experience in developing & managing **REST Web Service API(S)**, **Socket, Push notification** communication between multiple clients.
* Good exposure to **Cloud Infrastructure** for multiple vendors such as **RedHat Openshift** and AWS.
* Hands on experience on cloud deployment and creating image (**Ubuntu, Alma Linux OS**) using **Docker**, **Kubernetes** and **Cloud Native Services**

**Software Proficiency**

**Technology** : JavaScript, Typescript , Node.js, HTML, CSS

**Frameworks** : Express, React JS, Mocha.js

**Database** : Oracle DB, MongodB, Dynamo DB, Cosmos Db, Cloudant Db, Redis

**Development Tools** : Git, VSC, Eclipse

**DevOps** : Docker, Kubernetes, S3 bucket, Push Notification

**Code Quality :** Eslint

**Test Driven Development** : Mocha , Chai , Karma, Jasmine

**Project Summary**

**Project :** Engineering Workboard(Product scrubber and defect priority management)

**Technologies** : Javascript, Node.js, ReactJS, Oracle DB, MongoDb, Redis

**Client**  : Cisco

**Responsibilities**

* To Design and develop the system from scratch for Node.js and ReactJS.
* Involved in development of REST Web Services on day to day activities.
* Involved in maintaining data flow through Oracle, MongoDb and Redis databases.

**Project : Mitel Cloudlink-SDK** (Node.js and Python based cloud SDK backend for all type clients)

**Technologies** : Typescript, Node.js, React JS, yaml Kubernetes, Mocha.js, Sinon

**Client**  : Mitel

**Responsibilities**

* To automate and test the project for performance and load.
* To enhance the durability of API created in SDK using Mocha.js
* To support the system team in deployment activities.

***Achievements*:** Idea and implementation of two value creation ideas in period of 1 year:

* Parallel execution of application using multiple-threading CPU cores of machine
* Serial execution improvement for reducing initial time consumed to complete startup activities for micro-services

**Project : PGI GlobalMeet SDK API** (Node.js and Python based cloud SDK backend for all clients)

**Technologies** : Typescript, Node.js, React JS, yaml Kubernetes, Mocha.js, Sinon, Mongodb, Oracle DB, HELM

**Client**  : PGI GlobalMeet

**Responsibilities**

* To develop the system using AWS SAM serverless framework.
* To implement and enhance the security of the lambad.
* Involved in manual testing of the Lambda as a whole project.

**Project : Mitel NextGen** (API, socket and server distribution for different platforms)

**Technologies** : JavaScript , Node.js, Express Framework, Sequelize Framework, PostgreSql

**Client :** Mitel

**Responsibilities**

* Involved in improving quality for sdk by adding new features, enhancement. Testing functionality using Mocha.js, unit testing, etc.
* Involved in manual testing of developed features for quality assurance.

***Achievements*:** Idea proposed, not implemented because of bad cloud translation API quality

* Global translation of chat messages among users from different region
* On need themes based on request from client also including dark theme

**Project : Mitel AWV and MiShare hybrid platform client (**Video/Audio sharing buffer protocol API**)**

***Achievements*:** Idea and implementation of two value creation ideas in 9 months period:

* File management improvement for logs generated while session
* File size improvement for faster application distribution to clients
* Upgradation of node build library webpack for faster and more secure deliveries

***Technologies*:**

* Node js and Angular framework full-stack
* GraphQL api for accurate data projection among all end-user clients
* Typescript 2 with automation testing included in each task
* Webpack, linting, code standards, agile workflow, git source control

**Responsibilities**

* To develop the restful web services In Typescript
* Involved in developing the database json schema using swagger documents
* Involved in manual testing the json schema

**Extra Qualification:**

* **RDBMS** and IT Fundamentals from NIIT
* **MCSE and CCNA** certification training, Diploma in Hardware and Networking from ASET ( New Delhi)

**Academic Qualification**

* BCA From IGNOU, Rajghat, New Delhi

I hereby declare that all the above details are true to the best of my knowledge and belief.

Place: New Delhi Ranjan Sharma