**Ranjan Sharma**

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**Experience Summary:**

* Having experience in Web Development for multiple platform.
* Developed applications using **Python with React JS and Angular, Redis, MongoDb, OracleDb** and **Node.js**.
* 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 AWS and **RedHat Openshift**
* Hands on experience on cloud deployment and creating image (**Ubuntu, Alma Linux OS**) using **Docker**, **Kubernetes** and **Services**

**Software Proficiency**

**Technology** : Python, FLASK Python, React JS, Node.js

**Frameworks** : Flask PY, Python, Python Selenium, Express JS, Java Jmeter

**Database** : Postgres, MongoDB, Redis, Dynamo DB, Oracle DB, Cosmos Db

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

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

**Project Summary**

**Project :** Telstra Client Engagement

**Technologies** : Python AWS based data analytics services and data sanitization for AI/ML processing

**Client**  : Telstra

**Responsibilities**

* To sanitize data and store to Oracle for later analytics
* Involved in development of REST Web Services on day to day activities
* Involved in maintaining data flow through Oracle, MongoDb and Redis databases

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

**Technologies** : Python web services and batch analytic services, Oracle DB, MongoDb, Redis

**Client**  : Cisco

**Responsibilities**

* To Design and develop the workflow services.
* 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** (Cloud SDK backend for all type clients)

**Technologies** : YAML DOCKER and Kubernetes

**Client**  : Mitel

**Responsibilities**

* To enhance the durability of API created in SDK
* 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** (Cloud SDK backend for all clients)

**Technologies** : Python, React JS, yaml Kubernetes, 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 lambda

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

**Technologies** : 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
* Webpack, linting, code standards, agile workflow, git source control

**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