

Ranjan Sharma

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Mob – 98101 29805

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, Mongoddb, 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 AWW 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