

RUPESH CHANDRAJIT SINGH

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EDUCATION

University Of South Florida

(Jan 2021-May 2022)

MS IN BUSINESS ANALYTICS AND INFORMATION SYSTEMS: (Gpa 4.0)

University Of Mumbai

(AUG 2014- AUG 2018)

Bachelors In Computer Engineering (Cgpa:8.0/10.0)

PROFESSIONAL SUMMARY

Data **ENGINEER with 3 years** of experience in Development of windows and web applications. Expertise in Requirement Analysis, Design, Development, Maintainance, Enhancement and Production_Support.

WORK EXPERIENCE

Data Engineer Analyst, Leviti Inc(San Francisco,California)

(Aug 2022- Present) .

- Executed **SQL query** optimization techniques to improve performance tuning for SQL queries, resulting in enhanced overall system efficiency
- Developed Rest Api for search functionality using **Python Django Framework Go and Django Rest Framework**
- Performed **Etl** operations using Pspark on Customers Data generated at the Backend of Bookings Application
- Developed shipments feature for Rsvp to track customer orders using **Html,Css,React.js,Javascript,Python**
- Developed automated testing scripts using **selenium** with python to streamline and automate testing process for the marketplace.
- Developed CI/CD pipelines with **Terraform Packer** and Ansible leading to 30 percent reduction. In deployment time
- Designed and Managed Api system deployment using a **fast Http server and Amazon Awssf Architecture**
- Performed Data Analysis of Real time Data using **Pandas,Tableau, Power bi** and connected to **snowflake** to provide stakeholders with real time insights and Kpi tracking
- Worked on nosql databases like **Apache Casandra and Mongo Db** to handle **Big Data operations** for clients like Netflix and Salesforce Events
- Performed Web Scrapping using **Selenium and Beautiful Soup**
- Performed Management of **Docker instances** and container using tools like **Kubernetes**
- Sucessfully Designed Developed and scaled **RestFul Api microservices**.
- **Sucessfully Implemented projects involving Implementation and management of Aws services including Ec2,S3,Lambda**
- Developed **Machine Learning Models on Pyspark using Mlib** to predict prices of corporate events across the various states in America.

Data ENGINEER Analyst, ASHIDA IT SOLUTIONS PVT LTD

(December 2018- December 2020)

- Performed **Sql Query Optimization** to enhance performance tuning of Sql Queries for Railway Data generated at the Backend of Sql Server.
- Worked on **Nosql Databases like MongoDB** to handle **Big Data** using **Python Pymongo** Libraries to handle Big Data Operations for clients like Indian Railways.
- Completed **10 SQL** database design projects, optimizing queries and developing **stored-procedures, triggers, tables, views, and Functions**
- Developed Rest Api for scada web Application using **python and Django Rest Framework**

- Developed Erp based web applications for Indian Railways using **Python,Html,Css,Javascript,Django framework**.
- Created Real time chat application for Indian Railways web application using **python and Django Framework**
- Performed Real time Data Analysis of Railway data using **Tableau and Powerbi**
- Designed and Developed an **Artificial Intelligence Chabot** using NLP techniques and **Deep Learning** Models
- Built a **Machine learning** model to predict equipment failure in industrial setting and achieved prediction accuracy of 90 % enabling proactive maintainance and minimizing downtime costs

ACADEMIC PROJECTS:

SALES PREDICTION OF ECOMMERCE APPLICATION

- Developed Ecommerce Web Application using **Python and Django Framework**.
- Designed a model to predict the sales of various categorical products using **CNN and Supervised Learning**.

EMISSION DATA PROJECT FOR STATE OF NEWYORK

- Designed and Developed Web Application using **Python3,Html,Css3,Javascript,Django Rest Framework**
- Performed **Crude operations and Api calls**.

NATURAL LANGUAGE TEXT PROCESSING

- Classification of kiva.org projects based on text description using **NLTK libraries and ML Models**.

SALES ANALYSIS OF COMPANY USING Tableau

- Developed Visual Impactful Dashboards using **Tableau** to Analyze data generated by Ecommerce Application

SKILLS:

- **Languages:** ASP.NET MVC. PYTHON,HTML,CSS,JAVASCRIPT,JQUERY,Django Rest Framework
- **Storage Databases:** SQL Server,CASSANDRA,MONGODB,HBASE
- **Software And Tools:** Visual Studio,JIRA,TABLEAU,R STUDIO
- **Big Data:** Hadoop,Spark,Scala,Hive

CERTIFICATIONS:

- **MACHINE LEARNING CERTIFICATION** FROM COMPUTECH SOLUTIONS.
- **PYTHON FOR WEB DEVELOPMENT CERTIFICATION** FROM WEBPRO SOLUTIONS
- **TABLEAU CERTIFICATION** FROM COURSERA.