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## Professional Summary

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- **Total 10+ years of experience in Agile, Requirement Analysis, Design, Full life cycle Development and Implementation of various applications.**
- Strong SQL Background
- Sound Experience in Full Stack Development
- An effective communicator & Team leader with strong analytics, problem solving & Organizational abilities.
- Extensive hands on experience on **MYSQL, ORACLE SQL, PL/SQL, PYTHON.**
- Extensive experience in **Financial domain** and **Telecom domain Product development.**
- Having good exposure on **Cloud Service Concepts**
- Excellent attitude towards learning new tools and technologies.
- Quick Learner with an ability to adapt to different business environments and users.

## Technical Skills

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- Programming Languages :- Python, Perl, Basic Java, Shell Scripting,
- SDLC Methodologies :- Agile (Scrum) and Waterfall.
- Web technologies :- HTML, CSS, JavaScript, JQuery, Ajax, CGI-PERL, JSON, XML, REST Services
- Framework :- Django, Flask, NodeJS, Selenium
- Database :- Oracle, MYSQL, SQL Server, Amazon Redshift, SQL, PL/SQL
- Development Tools :- PyCharm, jupyter, notepad++, Jenkin tool, crontab
- Application Servers :- Apache Web server
- Operating System :- Windows XP/7 and Linux/Ubuntu
- Version Control Tools :- SVN, GIT
- Big Data Technologies :- Hadoop, Spark, Hive
- Cloud Services :- Amazon Web Services, Google Cloud Platform (GCP)

## Experience

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- Working as Senior technical Lead in **Nisum Consulting Pvt Ltd**, from March, 2018.
- Worked as a Project Lead in **Oracle India Pvt Ltd**, from 17<sup>th</sup> Apr 2016 till March, 2018.
- Worked as a Sr. Software Engineer at **Syniverse** between Oct 19<sup>th</sup> 2010- 13<sup>th</sup> Apr 2016.
- Worked as a Software Engineer at **Tecnotree** between June-2008 – Nov 2010.

## Professional Experience

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**Project Name :** I&A Portal

**Technologies :** Python,Django,MySQL,BootStrap, CSS

**Client Name:** Nisum

**Description :**

To show case the Nisum employees details to the upcoming clients/existing clients for ease.

**Responsibilities:**

- Attend the status calls and internal team meetings.
- Participated in gathering the requirements and analysis.
- worked as a developer for developing the website.
- Lead the project and team.

**Project Name :** Reports Migration (Crystal Reports to Power-BI)

**Client Name:** Back Roads

**Technologies :** MS-SQL Server, MS-SSRS

**Role :** Developer and Lead

**Description :**

Backroads is a travel-based company which deals with trips as well as specialty services like hiking, biking, yoga and other activities across the globe. Their current systems were setup heavily in sync with legacy databases. We worked on to modernize and automate the processes for better business feasibility. We undertook the reporting end of their business and used PowerBI and SSRS to revamp their reports which were previously based on Sap crystal reports. As a result, we achieve better performance and a host of other features like automated emails, different file formatted reports etc.

**Responsibilities:**

- Participated in requirement gathering and analysis of client needs.
- Understanding the existing crystal reports and new report requirements and enhancements/add-ons if any.
- Build SQL queries for the reports data.
- Validate the report data against the requirements.
- Working with the UAT team to provide clarification on the report data.
- Attend daily stand-up calls and share updates on report progress.
- Participated in the sprint planning

**Project Name : Automating Authorized Job posting sites data parsing**

**Client Name :** Nisum

**Technologies :** Python, Selenium, Django, MySQL

**Description:**

This project is for Nisum's recruitment Automation purpose to pull the job descriptions from different job posting sites from the Nisum's authorized accounts.

**Responsibilities:**

- Designed the workflow.
- Developed modules for parsing the job posting sites data using python
- Involved in end to end Application Testing.
- Coordinating with Onsite counterparts for gathering business & technical requirements and providing the solutions

## Cab Booking

Project Name	<b>Nisum Internal Cab Application</b>
Role	Team Lead and Self Contributor
Organization	Nisum Consulting Pvt. Ltd
Technologies	Python, Django
Database	MySQL/sqlite

## Project Description

Worked on the Nisum's internal cab application, by which nisum employees can book the cab as per their shifts and avail the services and provided the end to end services starting from employee cab booking till the invoice generation and settlements to the cab vendors.

## Responsibilities

- Participated in gathering the requirements and analysis.
- Attended the status calls with Internal team mates
- Developed the Generic Modules for cab application
- Taken care all the bug tracking and fix's
- Deployed application on the production

## Package Shipment Delay Prediction:

Project Name	<b>Package Shipment Delay Prediction</b>
Role	Team Lead and Self Contributor
Organization	Nisum Consulting Pvt. Ltd
Technologies	Python, Pandas, numpy, scipy, Regression Algorithms, matplotlib, geopy , python-google-places , openweather-api, urllib
Database	Oracle Database

## Project Description:

Shipment delay prediction is for predicting delay on the customer purchased item through online portal, the delay parameters are based on weather forecasting, carrier services, route distance between source destination to destination destination and shortage of goods in the ware house.

- Participated in gathering the requirements and analysis.
- Participated in the Exploratory Data Analysis for this project.
- Developed API's for carrier services, Distances API, weather force casting.
- Developed the model for predicting the shipment delay of an item based on the above API data and with Regression model.
- Lead the team

## Twitter Data Ingestion

Project Name	<b>Twitter Data Ingestion and Pipeline for real-time and batch process</b>
Role	Team Lead and Self Contributor
Organization	Nisum Consulting Pvt. Ltd
Technologies	Python, nodeJS, Amazon Web Services(S3, Redshift, Kenisis), Spark, Kafka, HDFS, Hive
Database	Amazon Redshift, Hive

### Project Description:

Twitter is an application used by user to tweet reviews about the topic in text message. These tweet messages capture in Kafka. Spark forward the streaming messages to HDFS and AWS Redshift.

### Responsibilities

- Participated in gathering the requirements and analysis.
- Wrote the spark processor to process the json twitter messages.
- Wrote the spark processor to load the real time event to AWS Redshift.
- Wrote the spark processor to load Historical events to Hive.
- Developed spark submit job to read the job configuration dynamically.
- Wrote spark processor by using the data framework.
- Optimized the spark job by using the caching of memory.

### AWS (process Logs in event based/batchmode )

Project Name	<b>AWS Logs process from internal monitoring tools</b>
Role	Self Contributor, Team Lead
Organization	Nisum Consulting Pvt. Ltd
Duration	Jun 2018- Aug 2018
Technologies	Python, AWS, Lambda functions, CloudWatch, S3
Database	Redshift

### Project Description:

Part of this project, we would get the log data from different monitoring systems tools data logs into the AWS S3 system, from there we would process the data based on the patterns of the log file. We parse the data by using Lambda function and then push the data into the Red shift.

### Data Science 's

Project Name	<b>Data Science Case Studies</b>
Role	Self Contributor
Organization	Nisum Consulting Pvt. Ltd
Technologies	Python, scikit-learn, matplotlib, pandas, numpy

**Case Study 1:** CalCOFI: Is there a relationship between water salinity & water temperature? Can you predict the water temperature based on salinity?

**Case Study 2:** Weather in Szeged 2006-2016: Is there a relationship between humidity and temperature? What about between humidity and apparent temperature? Can you predict the apparent temperature given the humidity?

**Case Study 3:** Weather Conditions in World War Two: Is there a relationship between the daily minimum and maximum temperature? Can you predict the maximum temperature given the minimum temperature?

**Case Study 4:** The Ultimate Halloween Candy Power Ranking: Can you predict if a candy is a chocolate or not based on its other features?

**Case Study 5:** Epicurious -Recipes with Rating and Nutrition: Can you predict whether a recipe was part of #cakeweek based on whether it its other features?

Project Name	<b>Super Mass Consolidation(SMC), Phase –I, Phase –II, Phase-III</b>
Role	Lead Software Engineer
Organization	Oracle India Pvt Ltd
Duration	2016/04- till March 2018
Technologies	Python, Perl and Unix

## Project Description:

DTE(Distributed Topology Environment) is a Oracle Preparatory frame work for automation, using this frame work, working on SMC (Super Mass Consolidation) Project with which all the Products under the Oracle Cloud (ex: HRM, CRM, FSCM etc..) applications were wrapped up within a snapshot in which all the applications were deployed with the Virtual Machines(VM's)

Project Name	<b>MACH to Syniverse Sytem Data &amp; Functionality Migration</b>
Role	Software Developer, Attending the Standup, Updating the JIRA tasks, backlog grooming
Organization	Syniverse Mobile Solutions Pvt Ltd.
Duration	2011/01- 2016/04
Technologies	Python, Perl, PL/SQL and Unix, Javascript, HTML, Ajax, JQuery

**Description:** Part of migration projects for the clients we should generate the customized reports from the back end based on the criteria in the XLS format or CSV formats.

Below are the SAP reports which I was delivered.

- i) JPNDOCO, MYSMT, VIVO, ORANGE reports
- ii) Auto Creation of Invoice Templates (15). By these templates for generating the invoices in the provided / selected formats
- iii) Auto Creation of Credit Note / Debit Note adjustments. By these templates whenever credit/ Debit notes need to issue, in such case based on the same invoice templates outline, the CN/ DN invoice templates will be generated
- iv) Cash Management for the settled transactions
- v) Clearing Data Lock which is useful for not to do any modifications in the DCH/Invoice/Adjustments before going into Settlement.
- vi) EID (Electronic Invoice Distribution) Invoice Generation for the customers
- vii) PNR (Payment Notification Report) for the payments received from the clients partners
- viii) Hubbing Functionality (Hub-Hub/Hub-Operator/Operator-Hub)

Project Name	<b>Enterprise SMS/MLP for MTN Iran and MTN Cameroon/MDX+ Content Management System</b>
Role	Software Developer, Attending the Standup, Updating the JIRA tasks, backlog grooming
Organization	Syniverse Mobile Solutions Pvt Ltd.
Duration	2011/01- 2016/04
Technologies	Python, Perl, PL/SQL and Unix, Javascript, HTML, Ajax, JQuery

- Enterprise-SMS Solution, which will enable enterprises tied up with Irancell to send SMS Messages to Irancell subscribers.
- Mobile Loaded Portal is a portal is used by MTN subscribers. The Portal access would be offered as one of the value-added services to the subscribers of MTN. Users can download contents using MLP through one of the many output channels, viz.; SMS, MMS, STK, IVR and WAP Push. In order to offer

**Building Success:**

value added services to its subscribers, MTN will use MDX+ content management and delivery platform.

- MDX+ Module is a scalable carrier class product suite that supports rapid creation and deployment of wireless services. The product's future-ready architecture is geared to support a variety of mobile via SMS and WML.
- UTV short code for delivering the text, premium, rich premium contents and subscription services to the subscribers & doing the billing, generating CDR's against to the subscriber for the requested content.

## Education

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- Btech from Srinivas Engineering College (Affiliated to JNTUK University) with the 61%.
- 10+II from Sr Jr College (AP Intermediate board) with the 79%.
- SSC from Chaitanya Vidyanikethan (AP Board of Secondary School) with 72%.