

Summary

- I have **11+** years wide experience in developing software applications
- I am leading a small team of software engineers and graduates
- I am working on applications built on technologies such as **Python & Tornado** (MicroServices, RESTful, JSON) , **SQL+PLSql** and **React+Redux+HTML5+JS** and **Solution Designing**
- I handle engineering processes such as change management, incident management and Release management using tools like **Service NOW**.
- I am enthusiastic, **versatile**, ambitious and **result oriented** with excellent communication skills
- I work on **Agile Ceremonies** (planning, estimation, scrum, retrospective, review) using **KANBAN** and full SDLC life cycles (requirements gathering, analysis, design, implementation, testing, deployment and support)

Education

PGDITM, SCDL, Symbiosis, Pune, India (2017)
B.Tech. in Information Technology, MDU Rohtak, Haryana, India (2006)

Certification

Certified Associate, Python Institute
1Z0-071 Oracle DB SQL (OC1849712), Oracle University
React+Redux (UC-91YOYH2M), Udemy

Professional Experience**Tech Lead @ Royal Bank Of Scotland,****Oct11-current****Projects Undertaken:**

- Arria NLG (Natural Language Generation)
- Disclosure Reporting Automation
- Oracle Analytical Cloud Service
- Cash Nostro Management Systems

Role Summary:

- I work on application development using **Python/Tornado**(Asynchronous IO based networking framework, RESTful), **React, PL/Sql**
- I run pylint, jshint and coverage.py for code quality and follow TDD approaches
- I have designed solution for Reporting Solution which involves DB design, backend design, data processing using python, **UI** design and worked on finalising architectural strategies around it
- Converted logical data model to physical for **Oracle**
- we deliver cross platform message(soap & json)/file transfer within RBS using Argon APIs which is similar to Kafka / RabbitMQ sort of Pub-Sub(observer) implementation
- working on high ledger data volumes in Oracle environment
- Designed data loader strategy using **Python3/k-Shell/Cron/Autosys** and written complex **Sql** Queries and **PL/Sql** business logic
- Installed, configured and customized Data Visualiser solution from Oracle
- I help defining project outcomes, recruit & grow team, handle end-user queries and technical documentation
- I train new joiners and graduates within team
- I also handle Some adhoc activities which involves Solution Design, reconciliations and dashboarding

Programmer @ Syntel**Apr11-Sep11****Projects Undertaken:**

- Information Publisher macros
- Markdown Optimisation template for requisition management system

Programmer @ 9 Dimensions**Nov09-Mar11****Projects Undertaken:**

- PRVit (Performance Risk Valuation Investment Technique)

Programmer @ DAVIM**Sep07-Sep08****Projects Undertaken:**

- Software development training to MCA students
- Library Management

Skills Set**Front End:**

HTML5+ES6
 react+hooks:16.8.0
 redux:4.0.1
 ag-grid:20.1.0
 axios:0.18.0
 lodash:4.17.11
 Tableau:2019.1.3

Back End, MVC, API:

python:3.6.7
 Tornado:5.1.1
 Django:2.1.7
 Flask:1.0.2

Databases:

Oracle 11g

Servers:

apache: 2.4.0
 nginx: 1.14.0
 heroku: 7.25.0

Tools/Awareness/ORM:

IntelliJ
 sqlalchemy: 1.2.18
 jenkins
 mongo
 JIRA
 Autosys
 Argon
 react-native
 Fisheye
 Nodejs
 Arria NLG
 tdd unittest: 1.1.0
 Agile/Scrum/SDLC
 TOGAF
 MBDL
 Git

Key Project Details

Arria NLG – budgets and forecasts Narratives

This project is generated as PoC under Future Finance vertical within RBS and intended for automatic commentary / notes / narratives generation from bank's statement reports using Arria.com NLG platform and using Tableau's UI / story telling capabilities, intends to simplify internal reporting to RBS group and to board members. This would also help reduction in manual man hours spending on generating these texts

Finance Portal

Bank is required to produce multiple disclosures (Statutory Compliance) which are submitted as part of quarterly result to regulators. Disclosures are prepared manually by different teams using fragmented approach which lead to inconsistent reporting, Delay in submission and substantial time/effort of colleagues. This is where idea of bringing finance and technology was conceptualized which eventually lead to DRA. This uses standard set of data inputs, methodologies, assumptions etc. across various teams to deliver consistent and accurate reporting for bank. This project is written in **Python & Tornado, React & Html5** and **Oracle PL/Sql** and we had to automate Disclosure Reporting Processes and reducing the overall bank's submission cycle from 2months to 12days. The challenge was to design a reusable system of components and business services for each set of different business processes and userbase across globe. The server and ui is capable of handling all the traffic using asynchronous handles which non blocking i/o.

Oracle Analytical Cloud Service

FRC (Finance Reporting Cube) over OACS (Oracle Analytics Cloud) platform is SaaS which has to be onboarded by GFS teams for management and budget reporting. My role is to build reports in smartview and do the reconciliation over management and budget data. This is pure migration project from older reporting systems (INEA/KHALIX/WALKER) to OACS Platform

Cash Nostro Management System

I have written a proxy server for the project, the aim was to have a single instance accessing RBS cash balances server and can give relevant data to authorised client. Clients identified by the IP address defined in a config file access to proxy server (socket implementation in **python3**) can deliver the data back the connected client via soap object. Its ondemand pull application directly from any client that access and soap client handler installed can get the balances

Web Presence

<http://dpresume.com>

<http://dpresume.com/react-build>

<http://www.linkedin.com/in/devendraprasad>

<http://dpresume.com/older/>

<https://github.com/devendraprasad1984/PythonAndNodeSamples>