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## EDUCATION

### NORTHEASTERN UNIVERSITY

Boston, MA

*Master of Science (MS) Information Systems: Major in Business Intelligence, GPA 3.5*

Sep 2015 – Dec 2017

- Coursework: Data Warehousing and Business Intelligence (Tableau, Qlik Sense, Power BI, Talend), Database Management Systems (PL/SQL, MySQL), Engineering of Big Data (Hadoop, Hive, Python, Map-Reduce), Advance Data Science (R / Python), Economic Decision Making, Engineering Project Management, Account/Budgets for Engineers, Application Engineering and Development (Java), Web Design/User Experience Engineering (CSS, HTML, PHP, jQuery, AngularJS)

### PANDIT RAVISHANKAR SHUKLA UNIVERSITY

Durg, INDIA

*Bachelor of Engineering (B.E.): Major in Computer Science & Engineering, GPA 3.84*

Aug 2004 – Jul 2008

## EXPERIENCE

### DASSAULT SYSTEMES

Waltham, MA

**Business Intelligence and Reporting Analyst Intern**

Jan 2017 – Jul 2017

- Developed the project plan and created process flow diagrams for automating data tracking and reporting system.
- Designed and developed BI solutions to extract data from multiple sources, transformed and generated trend analysis reports (charts, graphs and tables) using Power BI and Tableau measuring project progress through KPIs.
- Migrated data into relational database MySQL, and setup both ad-hoc as well as standard reporting via SSRS.
- Created dynamic dashboards (evaluating success/failure rate of reaching targets, skill assessment) using Tableau Desktop.

### NORTHEASTERN UNIVERSITY

Boston, MA

**Graduate Teaching Assistant (Data Warehouse & Business Intelligence Course)**

May 2016 – Aug 2016

- Mentored 40 students in designing SSIS, SSRS and SSAS packages to develop OLAP cubes for analytical reporting.
- Guided students to identify trends using data analysis in python, R and visualize them using Tableau, Power BI, Qlik View.

### TCS

Pune, INDIA

**Project Manager**

Oct 2012 – Mar 2014

- Managed a team of 6 members achieving 12.5% cost reduction by performing SWOT analysis for a healthcare company.
- Developed project scope and worked with business stakeholders to gather the requirements, determine the product desired, and steps to achieve it following SDLC.
- Prepared budget, journal entries, profit and loss statements, balance sheets, expense and revenue sheets in MS Excel.
- Performed break-even analysis supporting business by providing detailed analysis (highlighting KPIs) to the management.
- Developed plans to mitigate risks and deviations for timely deliveries and resolved conflicts if any.
- Scheduled sprint retrospective to identify opportunities for improvement, discuss tasks pending and ways to achieve it.
- Facilitated daily scrum meetings tracking project progress using burndown charts reviewing existing sprint accordingly.

### TCS

Pune, INDIA

**Senior Business Intelligence and Data Analyst**

Dec 2008 – Sep 2012

- Lead a team of 5 members using agile methodology for data migration in MSSQL of 1446 bank branches through PeopleSoft CRM to CBS (Core Banking Solutions).
- Developed functional specifications, ER diagrams and designed workflows for the business processes.
- Performed data cleansing with R for ETL deployment by Talend, and used the transformed data for forecasting analysis.
- Created complex integration services packages from an OLTP database to generate reports and OLAP cubes using SSDT.
- Performed QA validation in compliance with its functional, performance and system integrity.
- Created monthly, quarterly and yearly reporting metrics, interactive and drill-down dashboards for managers.
- Prepared presentation, documents & training content for the customers and conducted workshops to enable them on it.

## SKILLS

### DATABASE

PL/SQL, MySQL, MSSQL

### MODELER

Toad, MySQL Workbench, ER/Studio

### INTEGRATION

Talend, SSIS

### REPORTING & ANALYTICAL

SQL Server [SQL], SSIS, SSAS Multidimensional [MDX], and SSAS Tabular [DAX]

### BI & VISUALIZATION

Tableau, Qlik Sense, Qlik View, Power Pivot, Power BI, Power Query, Power Map

### LANGUAGES

R, Python, JavaScript, Java, Git

### ACCOUNTING

QuickBooks, MS Project, MS Visio, MS Excel

### WEB

HTML, CSS, PHP, Bootstrap, jQuery, AngularJS, SpringMVC