

# Prashant Shivaji Bhapkar

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## EDUCATION

### UNIVERSITY OF TEXAS AT DALLAS

MS IN INFORMATION TECHNOLOGY AND MANAGEMENT

Exp. Dec 2019 | Richardson, TX

### UNIVERSITY OF PUNE

B.ENG, COMPUTER SCIENCE

May 2014 | Pune, India

GPA: 3.7/4.0

## SKILLS

### PROGRAMMING

SQL, PL/SQL • Python • Java • C#  
• C • C++

### TOOLS

Rodeo & Spyder (IDEs for Python)  
• IPython Jupyter Notebooks • R-Studio • SAP HANA • SAP Lumira  
• SAP Design Studio • SAP Analysis for Excel • SAP NetWeaver • SAP BeX Analyzer • SAP BeX Query Designer • SAS Enterprise Miner • MS Excel • Oracle EBS • Oracle Reports Builder • Oracle JDeveloper • BI/XML Publisher • Oracle SQL Developer • Toad • MS Visual Studio • Dell STAT • HP ALM • Atom

### DATABASE

Oracle

## LEADERSHIP/ INVOLVEMENT

### TEAM LEAD

Dec 2013 – Jun 2014

Led my undergraduate project team to develop an NLP system.

### TOASTMASTERS INTERNATIONAL

Active Member since Sept 2017

Taken various roles in weekly agendas till date.

## EXPERIENCE

### INFOSYS LTD | SR SYSTEMS ENGINEER

Dec 2014 - July 2017 | Hyderabad, INDIA & Pune, INDIA

- Developed PL/SQL programs to interface critical business master data transaction data into target Oracle EBS system resulting in smooth business transactions in the target system.
- Analyzed and pre-processed business master data and transaction data with complex SQL queries and PL/SQL procedures before developing critical PL/SQL migration programs resulting in much higher data consistency with respect to target system and an increased efficiency of about 50% in the migration programs.
- Reverse-engineered existing complex PL/SQL code to enable output of interactive excel reports enabling better decision making and further analysis of the exported data, ultimately resulting in 60-80% reduction in time effort.
- Developed PL/SQL programs to implement business specific customizations to existing Oracle EBS system resulting in enhanced functionality enabling client in carrying out additional specific business operations.
- Developed programs for report-generation in excel and PDF formats enabling management in making critical business decisions.

## PROJECTS

### MORPHOLOGY BASED POS TAGGER | X86\_64 OS, C#. Net

Dec 2013 – Jun 2014 | Pune, INDIA

- Led a team of 4 people in the development of an NLP system for Hindi Language to facilitate Hindi-Language-learning.
- Worked extensively on large data sets and analyzed them to develop a suitable algorithm that resulted in a tremendous increase in the efficiency, of about 100%, compared to similar existing systems.
- Implemented Parts-Of-Speech(POS) tagging to enable input-word-tagging along with rule-based predictive algorithm to predict the "sense" of a word in an ambiguous sentence based on morphological rules.
- Co-authored and published paper on the same project.

### MACHINE LEARNING / DATA SCIENCE | PYTHON, R

Self-Paced | Pune, INDIA | Dallas, TX

- Hands on experience on Python and R libraries for Data Analysis, Machine Learning, Deep Learning, Recommendation Algorithms and Visualization.
- Cognizance of Machine Learning and Deep Learning concepts like Regression, SVR, Random Forest, KNN, Naïve Bayes, Decision Trees Classification, K-Means Clustering, Hierarchical Clustering, Association Rule Mining, Natural Language Processing, ANN, CNN with hands on experience on implementing these in Python.

## ADDITIONAL INFORMATION

- Eligibility: Eligible to work in the U.S. for internships and for full-time employment for up to 36 months without sponsorship