Vaishnavi Deshpande

WORK EXPERIENCE:

Co-op ERP - CIO| August 2018-Present | Mylan Inc.
- Global SAP Delivery team focusing on training the new joiners, help in integration, mitigation and acquisition of new software and tools used in SAP team.
- Enterprise class cloud performance support solution which provides in-application, context sensitive support to users.
- Utilize analytics to enable company to understand employee performance within target application and make data-driven decisions based on this information.
- Improve user adoption, enhance user proficiency and collaborate closely with the SAP team to build a strong big data foundation.

Intern CIO | May-August 2018 | Mylan Inc.
- Support initiatives including Global ERP (Enterprise resource planning software), PPM (Project Portfolio Management) including execution, tracking, reporting and budget consolidation.
- Develop Project Management Catalog with templates to help the team and project managers for future reference
- Analyzed the projects data in the Global Mylan Project Data Management i.e. Project Portfolio Management (PPM).
- Consolidate the resources requirements, budget forecast, deviations and report to the Global ERP team and CIO.
- Review the Project status reports for the entire project portfolio.
- Facilitate the Project Status communications across IT and Business stakeholders

Application Development Associate | October 2015-September 2016 | Accenture India
- Worked in SAP Forms & Processes, Workflow teams and resolved incidents with extremely satisfied feedback from users. Also met SLA adherence.
- Worked on SAP GUI as an ABAP Programmer. Handled Business as Usual (BAU) activities as per project requirements.
- Mastered in handling HCM Forms like Delegation, Master Data, Extended Absence, CCC, Resource Request and termination forms.
- Analyzed requirements and used systematic approaches to implement and document the tasks.
- Resolved customer issues by establishing workarounds and solutions and by debugging and creating defect fixes.

ACADEMIC PROJECTS
- **Classification of Amazon product reviews as positive/negative using text mining techniques using R | 2018**
  Implemented regression, classification in R and built a model for predicting product reviews so as to recommend users to buy any given product.
- **Advanced Data Warehousing Strategies for Global Terrorism Database | 2018**
  Developed Data Warehouse that consolidates data and supports efficient data-driven decision making for a specific application domain.
- **Modeling causality within hydro-logic time series using Dynamic Bayesian Networks | 2018**
  Developed Dynamic Bayesian Dynamic network to model causality.
- **Predicting the user ratings for businesses using yelp data-set | 2018**
  Found relationships between different features which help predict the ratings of the businesses. Predicted the rating of businesses listed in the Yelp data-set based on review text used by Yelp to evaluate user reviews using regression.
- **Data warehouse for Animal Shelter Database | 2017**
  The project aimed to build data marts for animal shelter database. Normalized the shelter data into new relations and designed our own relations and loaded them into new relations to enforce referential integrity and created views for analysis on what is happening to the animals.
- **Analyzing housing prices using Advanced Regression Techniques | 2017**
  Analyzed the attributes affecting the sales price of a house and built a model using random forest regression and gradient boosting technique to predict the sales price.
- **Automatic Text Summarization using Natural Language Processing in Python | 2015**
  Project aimed to compress larger original text into shorter text. Input was query on the user interface and data was stored from individual links into separate files. The relevant features describing the query(attributes) were identified and extracted to generate summary based on the templates. . (Link to repository)

CONTACT:
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PROGRAMMING SKILLS:
Programming & Web Technologies
Python *(Pandas, Numpy, scikitlearn, Matplotlib, NLTK, seaborn, plotly)*
C, C++, R
Java/J2EE, HTML/CSS, Excel

Frameworks & Tools
MySQL, MongoDB, AngularJS

EDUCATION:
MS INFORMATION SCIENCES | 2017-19
School of Computing and Information
University of Pittsburgh
GPA: 3.53

BACHELOR OF ENGINEERING IN INFORMATION SCIENCE | 2011-15
PES Institute of Technology (PESIT) affiliated to VTU-Belgaum
GPA: 3.70

RELEVANT COURSEWORK:
Machine Learning
Regression, Decision Tree, Random Forest, Support Vector Machines, KNN, K-means, Regularized Regression (Lasso, Ridge), Neural Networks (basics)
Statistics/Mathematics
Probability, Hypothesis testing (Z-test, t-test, Chi square test), Linear Algebra, Calculus
Others
Algorithm Design
Data Analytics
Data Warehousing and Data Mining (ETL process)
Decision Support and Analysis
Advanced Database Management
Software Engineering
Web Technologies

CERTIFICATIONS:
Information Technology Infrastructure Library
Machine Learning-Coursera
Neural Networks and Deep Learning -Coursera-deeplearning.ai