**Vaishnavi Deshpande**

[r.vaishnavideshpande@gmail.com](mailto:r.vaishnavideshpande@gmail.com)**||**720-4539960**||**[LinkedIn](http://www.linkedin.com/in/vaishnavid)**||**[GitHub](https://github.com/vaishnavideshpande1)|Chicago,IL

**SUMMARY\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Focused and quick-learning software engineer with experience in the retail domain.I am a performance-driven and hard working individual with strong learning agility .Excellent communication and problem solving skills.

**EDUCATION\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**(2017-2019) UNIVERSITY OF PITTSBURGH,PITTSBURGH,PA (GPA-3.56/4 )**

* **Master of Science in Information Science**
* **Relevant Coursework:** Machine Learning, Advanced Database Management Systems, Artificial Intelligence, Natural Language Processing, Data Analytics, Data warehousing and data mining, Algorithm Design

**(2011-2015) PES UNIVERSITY,BANGALORE,INDIA**

* **Bachelor of Science in Information Science**

**WORK EXPERIENCE\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**(Sep 2019-Present) TATA CONSULTANCY SERVICES, *Software Engineer* Deerfield,IL,USA**

* Working as Consultant for retail and pharmaceutical company Walgreens in the **Compliance Reverse Logistics Reporting and Analytics** team.
* Working on the core part of the drug ordering system for tracking orders and validations.Worked with a third party of walgreens to optimize tool process,upgrade tool versions and setup complete working of the disaster recovery system.
* Maintaining and enhancing Logistics applications for client operations using **Oracle SQL Developer** and **Java** by identifying data issues and providing recommendations for resolution to ensure optimal performance.
* Drive migration of existing applications from on-prem servers to Cloud servers-**Microsoft Azure** and test the application in test and production environments successfully.
* Followed **Agile** methodology for application development.Used **Jenkins and JIRA** for **Continuous Integration(CI)** and end-to-end automation for all build and continuous delivery.

**(May-Dec 2018) MYLAN N.V, *Intern* Canonsburg, PA,USA**

* Worked on **Enterprise Resource Planning(ERP)** training application,Epilogue Opus-cloud to support training strategy implementation across the project portfolio and to evaluate the needs in different business areas and geographies.
* Supported initiatives including execution, tracking, reporting and budget consolidation resulting in a 25% reduction in the costs. It facilitated the project status communication across IT and Business stakeholders.
* Developed Project Management Catalog with templates for each phase of the Project Development Life Cycle to help the team and project managers for future reference.Developed reports using **Tableau.**

**(Oct 2015- Sep2016) ACCENTURE SERVICES PRIVATE LIMITED, *Software Engineer* Mumbai,India**

* Built and maintained SQL scripts, indexes, and complex queries for data analysis and extraction for various projects.Ensured query optimization by writing efficient **SQL** queries and devised solutions for bugs and maintained code quality.
* Resolved customer issues by establishing solutions and workarounds by debugging and creating defect fixes. This increased productivity by 12%, saving an additional $15000 to the company.

**SKILLS\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Databases/Web Application Servers** MySQL,Oracle SQL Developer 19.2, PostgreSQL, MongoDB 3.0, Apache Tomcat

**Scripting/Programming Languages**  Java,Python 3, R , HTML,CSS

**Cloud Technologies and Reporting Tools** Microsoft Azure,Tableau

**CI/CD Build Tools and Version Control Tools** Jenkins,JIRA,Git,GitHub

**Platforms/ Operating Systems** Eclipse, PyCharm ,Jupyter Notebook, R Studio, Windows, Unix

**UNIVERSITY PROJECTS\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

* **Model-free Reinforcement Learning(Python)**- Solved the Pacman problem, where the agent tries to get to the goal state by moving through the search space using multi-agent search and Q-learning.
* **Formality Style transfer(Python)**- Applied techniques to evaluate the formality of text using copy enriched sequence to sequence models. CNN’s gave 84% correctness for formality transfer as compared to 70% for Bi-LSTM.
* **Automatic Text Summarization(Python)** -Applied Natural language processing techniques to compress larger original text into the shorter text to generate a summary.
* **Restaurant review of Union Grill from Yelp(Python,word2vec, StanfordCoreNLP)-**Built a query system that could extract opinions regarding a singular food item and service from the review data available which lead to gain valuable insights about the business.
* **Online Doctor Patient Portal(Java)-**Built e-commerce website built to sell and purchase electronic items and their accessories online. Apache Tomcat was used as a web server. MySQL was used to store product information. Reviews were stored on MongoDB.

**CERTIFICATIONS\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

* ITIL Foundations Certification
* Microsoft Azure Certification AZ-900