Harishanker Brahma Kande

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EDUCATION

Indiana University **GPA : 3.8 (till now)** **Bloomington, IN**
Masters of Science in Computer Science *Expected Graduation: May 2023*

GITAM University **GPA : 3.94** **Hyderabad, India**
BTech in Computer Science *Graduation: April 2019*

Technical Skills

Programming Languages: C, C++, Java, Python, HTML, CSS, JS, Angular JS, XML, nodeJS, React.
Developer Tools: Oracle Application Forms and Reports, Service Now, Docker, Jenkins.
Database and Version Control: Oracle Database Express 12c, SQL, PLSQL, PostgreSQL,GitHub
Certifications: Big Data Training Completion certificate from IBM.

PROFESSIONAL EXPERIENCE

Wipro Technologies **Hyderabad, India**
Software Engineer *April 2019 - May 2021*

- Developed custom Triggers, Procedures, and Packages using PLSQL and created databases using SQL.
- Created an automated scripts for Order Management and Fulfillment Process in Supply Chain using PLSQL Procedures, Packages and Front-end Screens using Oracle Forms.
- Migrating conventional version storage to version control systems such as GitLab, and built pipeline to deploy new releases to Jenkins development by integrating GitLab with Jenkins for customers.

PROJECTS

Parts of Speech-Tagging ***Github :*** *POS-Tagging*
Tech Stack :**Python, Natural Language Processing**

- Built a NLP model which tags each word in a sentence with appropriate parts of speech using Naive-Baye's Classifier, HMM-Viterbi and MCMC using Gibb's Sampling.

City-Navigation-AI ***Github :*** *City-Navigation-AI*
Tech Stack :**Python, Artificial Intelligence, A* search**

- Developed a model in Python that delivers the shortest route in terms of distance, the fastest route, and the route with the fewest turns between two cities, using a data set that contains all the details significant highway segments in the United States.Implemented using A* search algorithm

Disease Prediction by Machine Learning over Big Data *Dec 2019 - Feb 2019*
Tech Stack :**Python, Machine Learning Algorithms, BigData**

- Built a model which deals with large quantities of health-related knowledge. This data is filtered with machine learning algorithms such as Naive Bayes, K-nearest Neighbors, and Decision Tree algorithms.
- This enables us to forecast chronic and non-chronic diseases based on the provided characteristics.

Collaborative Filtering-Based Recommendation of Online Social Voting *Aug 2018 - Nov 2018*
Tech Stack :**Data Mining, Java, SQL, HTML, CSS, JavaScript**

- Leveraging data mining technologies such as the k-means algorithm, developed a web application to assist users in receiving reliable product suggestions based on social voting.