KULDEEP SINGH

1018 S Oakley Blvd, Apt. 2, Chicago IL 60612|(773)575-0690 | ksingh51@uic.edu | LinkedIn

---

EDUCATION

University of Illinois at Chicago (UIC) - Chicago, IL, US   Expected - May 2023
Master of Science in Computer Science   GPA: 3.8

Vellore Institute of Technology (VIT) - Vellore, TN, IN   May 2021
Bachelor of Technology in Computer Science   GPA: 7.49/10

SKILLS

Programming Languages: Python, Javascript, Java, TypeScript
Web-Technologies: React.js, Node.js, WordPress, Tailwind, RESTful API, CSS, HTML5, Django, MongoDB , DynamoDB, MySQL, PHP
Software/Frameworks: Angular.js, Vue.js, Git, SQL, Android Studio, Jupyter Notebook, Tableau, UI Path, Figma, Adobe(Illustrator, Photoshop and XD), Microsoft (Power Apps, SharePoint, Word, Excel, Access, Outlook, PowerPoint)
Spoken Language: Fluent in English and Hindi

RELEVANT EXPERIENCE

Data Science Intern - Pactive Evergreen Inc.   *2022*
- Created a detailed Data Governance Catalog Dashboard in Tableau to help the company managing the availability, usability, integrity and security of the data in enterprise systems, based on internal data standards and policies that also control data usage.
- Did predictive data analysis on product production for optimizing the labour model for each plant.

Software/Web Development Intern - Humourbaba   *2019-21*
- Write custom WordPress,HTML, React, CSS and TypeScript for existing websites and applications.
- Implement Backend functionalities in node.js, AWS Lambda triggers and AWS API gateway.
- Design, recommend and pitch improvements to new and existing features.
- Assist in troubleshooting issues on web-based systems.
- Update and edit website content, posts and pages.
- Provide technical support related to web-based systems to internal teams.
- Test and give feedback on new and existing technologies.

ACADEMIC PROJECTS

Early Stage Diabetes Prediction using Machine Learning   *Feb - May 2021*
- Designed a Machine Learning Prediction System in python using Libraries like scikit-learn, Numpy, Pandas, matplotlib, seaborn, pickle, tkinter, PDPbox
- Trained and tested a newly released dataset of a hospital in Bangladesh using machine learning models like Random Forest, Naive Bayes, Decision tree, SVM, KNN.
- Established correlation between different attributes using Pearson's Correlation Coefficient.

Web Application for Grapes Leaf Disease Detection   *March 2020*
- Created a Web Application using Django, MongoDb, Angular, HTML and CSS for front end development and Deep Learning Libraries like TensorFlow and OpenCV to detect the disease by image processing and classify them into 4 available categories.