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PRANAY JAIN

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SKILLS _____

- **Programming Languages**: Python, Java, Android, C, C++
- **Web Technologies**: HTML 5, CSS 3, JavaScript, Node.js, Express.js, EJS, Bootstrap, Angular.js, Django, Webpack, Babel
- **Databases & Project Model Concepts**: MongoDB, MySQL, Google Firebase, Hadoop, Agile Methodology
- **ML & Libraries**: Pandas, NumPy, Sci-kit, NLP-Nltk, matplotlib, Seaborn, Random Forest Classifier
- **Tools:** Tableau, Jupyter Notebook, Visual Studio Code, MySQL Workbench, Android Studio, Asana
- **Cloud Technologies :** Amazon S3, AWS Lambda, Amazon EC2

EXPERIENCE _____

Web Developer Intern, REACK, India   **September 2017 – June 2018**

- Delivered innovative web-based solutions subject to insights gathered after business analysis of clients using HTML, CSS, Javascript, JQuery, PHPMyAdmin.
- Collaboratively developed web applications for education, pharma sectors and NGOs that ensured high traffic, page views and user experience.
- Driven the role of Identifying and examining website's meta data and KPI using google analytics to improve SEO.

Data Analyst, Zioxo Solutions, India   **June 2016 - August 2016**

- Used the Beautiful Soup Python Library to extract relevant data from various webpages an automated way.
- Implemented Data wrangling and data preprocessing using NLTK packages in python along with matplotlib.
- Built a system that creates a synopsis of the desired data which yields an accuracy of 73% as compared to summary generated by humans.

PROJECTS_____

TWITTER SENTIMENT ANALYSIS [Python, Google Colab, Tweepy, TextBlob, NumPy, Pandas]   **[GITHUB]**

   Implemented a program that analyzes the sentiment of tweets/posts of a Twitter account using Python libraries.
   Authenticated and accessed the Twitter API using Tweepy library and extracted the latest 100 tweets of a twitter user.
   Performed data cleaning, data visualization and generated graphs to display the sentiments of the tweets.

EMPLOYEE AND SOCIETY KPI ANALYSIS [Python, Random Forest Classifier, NLTK packages, Tf-idf]   **[GITHUB]**

   Executed data cleaning, revived data frames and delivered different charts for representation using NLTK packages alongside matplotlib.
   Utilized tf-idf to find word frequency and implemented Random Forest classifier to classify Employee and Society KPis from Academic and Business papers which resulted in 72% accuracy rate.

DATA VISUALIZATION [Python, Scikit-learn, NLTK packages]   **[GITHUB]**

   Accomplished data cleaning, refreshed data frames created and plotted different types of graphs for visualization using plot.ly, matplotlib, seaborn etc. in Python.
   Comprehended the dataset of accidents occurred in different districts and plot a heatmap to show the most accident-prone locations.

CAREER FAIR WEBSITE [HTML5, Node.js, Express.js, JavaScript, CSS, MongoDB, EJS]   **[GITHUB]**

   Modernized an event management website focused on career fairs along with rsvp and save features updated dynamically in the user dashboard. Developed API's to demonstrate Node.js concept and stored data in MongoDB.

TRAVEL WEBSITE [HTML5, Node.js, Express.js, JavaScript, CSS, MongoDB, EJS]   **[GITHUB]**

   Designed a responsive website with easy user interface to help tourist plan vacations.
   Implemented large-scale mongo DB solutions for better performance and reliability along with Node.js REST APIs.
   Facilitated SCRUM for agile and participate in team-led solutions, reviewing peer's code for quality and completeness.

TYPING SPEED TESTER APPLICATION [HTML, CSS, Javascript]   **[GITHUB]**

   Designed an application to test the user's typing speed. Set up event listeners to detect typing and handling errors.
   Built a count up timer to track the time corresponding to typing. Added functionalities to stop the timer naturally when the whole content is accurately composed and to reset the clock.

EDUCATION _____

Masters of Science in Computer Science | University of North Carolina at Charlotte, Charlotte, NC **(GPA – 3.67)**   **May 2020**
Coursework : Algorithms & Data Structures, Big Data Analytics, Software Design Dev & Implementation, Database Systems
Bachelor of Engineering in Computer Engineering | University of Mumbai**,** Mumbai, India **(GPA - 7.52)**   **May 2018**