# PRANAY JAIN

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## SKILLS

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

## EXPERIENCE

**Web Developer Intern, REACK, India**                                      September 2017 – June 2018
- Delivered innovative web-based solutions dependent on insights developed 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

**CAREER FAIR WEBSITE, WEB DEVELOPMENT [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, WEB DEVELOPMENT [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 development and participate in team-led solutions, reviewing peer's code for quality and completeness.

**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

**CHAT ROOM APPLICATION, MOBILE APPLICATION [Android, Java, Google Firebase]**          [GITHUB]
Engineered a Chatroom android application where user can join a group and chat with the members of the group and data stored in Firebase.
Incorporated Google APIs to give better usability by providing features like uploading and sharing images in the chat.

## CERTIFICATIONS

| 2020 | **Python for Everybody Specialization** | *Coursera* |
| 2019 | **AWS Data Analytics Fundamentals** | *AWS* |
| 2017 | **Data Analysis with Python** | *IBM* |

## EDUCATION

**Masters of Science in Computer Science |** University of North Carolina at Charlotte, Charlotte, NC **(GPA – 3.67)**          **May 2020**
**Bachelor of Engineering in Computer Engineering |** University of Mumbai**,** Mumbai, India **(GPA - 7.52)**          **May 2018**