**RINEEL REDDY LINGALA**

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**OBJECTIVE**

A dedicated, hardworking, and energetic solution-oriented individual who loves to accept challenges. Computer science specialist who is skilled in leadership with a strong background in development and in-depth knowledge of object-oriented design principles.

**WORK HISTORY**

**Software Engineer, Cerner Corporation Mar 2021 – Present**

* Developing an application which assigns the Pluralsight platform licenses automatically to the associates at Cerner Corporation.
* Ensured the code written is perfect by writing unit tests in NUnit for the backend code written Using ASP.Net Core Framework and Jest, Enzyme for the code written in React JS.

**Web Software Developer, California State University, Dominguez Hills Jun 2020 – Dec 2020**

* Developed a website which takes user details, location as the input and give them best suited universities matching their profile based on the location proximity. Technologies Used: HTML, CSS, JavaScript, MySQL, PHP.
* Designed and Created multiple user friendly and operational visualizations on existing dashboards making them more than 80% easier to understand the data.

**Data Scientist Intern, 3LOQ Labs Pvt Ltd, Hyderabad, India Jun 2018 - Aug 2018**

* Built a Machine Learning Model using Random Forest Classifier that classifies which users of an application are likely to churn.
* Also gathered data using HDFS from data lake of banks and performed preprocessing of data to run Machine Learning Models.
* Analyzed the raw data initially and based on that cleaned the dataset using RegEx and made the data fed into the model.
* Created a target variable having two classes which specifies whether the user is likely to churn or not and saved output to HDFS.
* Kept the model inside a docker container which will be isolated from the rest of the applications inside the system so that the multiple models can be run in a single machine without interacting with each other.

**Software Development Engineer Intern, Kony Labs, Hyderabad, India Mar 2017 - Jul 2017**

* Designed a tool to give an efficient solution for rebranding range of suites for the Kony Digital Solutions Lab so it is easier for them to customize the products client to client.
* Reduced the manual intervention of work by developing an automated rebranding script which changes the User Interface look and the feels depending on the client.
* Recolored the images through automated scripts by researching on color cubes and representations in various methods which produced the automated color for images.

**PROJECTS**

**Analyzing Stock Market Movements Using Twitter Sentiment Analysis Aug 2019 – Dec 2019**

* Investigated on the complex relationship between tweet board literature with financial market instruments to implement the mining system to forecast the price of the stock.
* Performed Data Mining from Twitter using twitter API’s and Stock API’s using Python.
* Also Performed Linear Regression after careful Preprocessing of data and then trained the data for two months and predicted the stocks which almost resulted in 80% accuracy.

**Game Theoretic Solution for the Territory Sharing Problem in Social Taxi Networks Jun 2019 – Aug 2019**

* Developed an efficient Algorithm by optimization to reduce surge in Taxi’s from place to place based on an Nash Equilibrium which paves a way for group of drivers to engage in a cooperated endeavor.

**EDUCATION**

**Master of Science in Computer Science Aug 2018 – Dec 2020**

**California State University Dominguez Hills GPA – 3.6**

**Bachelor of Technology in Information Technology Jun 2014 - May 2018**

**JNTUH, Hyderabad, India GPA – 3.5**

**TECHNICAL SKILLS**

**Programming Languages:** Java, C#, Python

**Software Frameworks:** ASP.Net Core

**Web Technologies:** React JS, JavaScript, Bootstrap

**Database Technologies:** MYSQL, MongoDB

**Development Models:** SDLC Waterfall, Agile Scrum

**Testing Frameworks:** NUnit, Jest, Enzyme

**DevOps Tools:** Jenkins, Docker, Kubernetes, Git

**Python Libraries:** NumPy, Pandas, Matplotlib, Seaborn

**Cloud Platforms:** AWS, Azure

**Development Environment:** Intellij, Visual Studio