SUNIL RAJ THOTA

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EDUCATION

Northeastern University   **Boston, MA**   **May 2022**

Masters in Analytics. GPA: **3.917** *(Coursework: Data Visualization, Data Mining, Statistics, DBMS, Fundamentals of AI)*

Andhra University   **Visakhapatnam, India**   **May 2018**

Bachelor of Engineering, Electronics and Communications Engineering. GPA: 8.32/10.0 – Honored with **Distinction**

EXPERIENCE

Senior Software Developer   **MOURI Tech, India**   **July 2018 – Sept 2020**

- Mined massive amounts of COVID 19 data to make strategic decisions, and improved REEF Kitchens overall sales by **36%**. Spearheaded Financial Reporting Tool using React JS, Angular 10, Kube.js & Apache Superset for visualizations
- Plotted **2000+** maps via CARTO Tool in 4 weeks. Scraped more than **200+** websites. Received **Client Appreciation**

Developer Trainee

- Managed a team of 5 to develop and launch Mobile Finance Web App within timeline and handled **1000+** transactions
- Accomplished a centralized application for **2500+** parking lots/ garages in the USA. **18%** rise in yearly revenue. Collaborated with leaders across business units to implement strategies to grow application effectiveness by **20%**

Associate Trainee

- Employed email attachments functionality and Fabricated Timesheet dashboard using latest UI Tech stack features
- Devised client-focused product strategies and managed proprietary data of **7+** companies to increase profits. Created AWS Lambda Functions in Python and scrutinized logs at Cloud Watch. Utilized S3 storage service

SKILLS

Programming & Tools:	Python, R, SQL, MS Excel, Tableau, Power BI, SAS, R Shiny, Apache Superset, JavaScript
Python & R Libraries:	Pandas, Numpy, Scikit-Learn, Matplotlib, Bokeh, GG Plot, Seaborn, Dplyr, XG Boost
Other Technologies:	MySQL, Mongo DB, MS Access, AWS, Git, HTML, CSS, JIRA, MS Word, MS PPT, Bitbucket
Competencies & Skills:	A/B Testing, Analytical, Communication, Problem-solving, Teamwork, Management

PROJECTS

Mechanisms of Actions Drug Prediction Algorithm   **Nov – Dec 2020**

- Applied and built Logistic Regression, Decision Tree, Random Forest, Gradient Boosting, XG Boost tests, and PCA
- Led a team of 3 to predict drugs based on biological actions, and contact of medicines with body cells

US Super Store Global Sales   **Nov – Dec 2020**

- Augmented an interactive, dynamic, and user-friendly Excel Dashboard using slicers, filters, pivot tables, and charts
- Interpreted data to draw decisions for managerial actions, business strategies, operations, and performance

Stock Price Analysis   **Oct 2020**

- Harvested data from Yahoo Finance and performed forecasting. Seen how stock price has changed over time
- Examined index, open, close, high, low, volume, and adjusted values of stocks data in Python and R

COVID 19 Dashboard   **Sept 2020**

- Analyzed the Coronavirus COVID 19 Global Cases from John Hopkins University CSSE and generated a Console
- Investigated, forecasted, and visualized pandemics after-effects and trends every day with real-time information

Smart Trash Can Monitoring System using IoT – Creating Solutions for Smart Cities   **Mar 2018**

- Guided a team of 5 to track, analyze, and notify trash can levels to officials to perform necessary actions
- Won **2nd** prize in Bachelors Capstone and Published a paper with five co-authors in IRJET Journal, Vol. 5 - Issue. 3