Krishna Chaitanya Rakonda

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# EDUCATION:

**University of Utah - David Eccles School of Business** Salt Lake City, UT

*Master of Science in Business Analytics, gpa: 3.9 Dec 2023*

Graduate Coursework: Database design, Data Science, Statistics and Predictive Analytics, Data Mining, Machine learning

**B.V Raju Institute of Technology** Hyderabad, India

*Bachelor of Technology in Computer Science, gpa: 3.5 Aug 2021*

Undergraduate Coursework: Java, DSA, Web Technologies, Software Engineering, Software Developemet, Cloud Computing

# TECHNICAL SKILLS:

**Programming Languages**: Python, Java, R, SQL, HTML, CSS, Javascript

**Machine Learning**: Linear Regression, Logistic Regression, Decision Trees, Classification model, k-nearest algorithm

**Databases**: SQL Server, MySQL, Postgres, Oracle DB, Hadoop

**Tools and Technologies:** Excel, Dbeaver, Tableau, Power BI, Jupyter Notebook, Rstudio, ETL, Apache Airflow, Apache Spark, Git

**Packages:** ggplot, qplot, numpy, pandas, matplotlib, sklearn

# EXPERIENCE:

**Capgemini Technology Services** Bangalore, India

*Senior Analyst Jul 2021-Aug 2022*

* Stimulated Interface monitoring on regular basis to ensure 100% of the POS data is synced with the data in SAP
* Developed and automated shell scripts for POS software across 700 Salon Centric stores reducing installation time by 75%
* Worked closely with clients and stakeholders in an agile environment to analyze the business requirements, getting them resolved and managed escalations and delegations to the right teams and people within the organization

**Capgemini Technology Services** Pune, India

*Intern Mar 2021-May2021*

* Worked on a Carter’s project and had a really good exposure towards the internal workflow of the retail sector
* Retrieved 100,000+ records of sales data in Oracle DB as batches, analyzed and provided solutions to the client
* Collaborated with cross-functional teams to identify opportunities for data-driven decision making

# PROJECTS:

**Data Analytics on Automobile Industry (Jupyter Notebook)**

* Lead a team of 4 people and using jupyter notebook and dataset consisting over 1 million records from Kaggle.
* Applied linear regression for forecasting sales based on multiple attributes in the dataset and visualized the output using matplotlib, seaborn packages

**Impersonator Detection Using KD-Tree Algorithm (Jupyter Notebook)**

* Developed a system that utilizes the KDTree algorithm to identify impersonators in an exam hall
* Used pickle, opencv, sklearn libraries and looped through the dataset by batching and multiprocessing
* Established a balanced KDTree data structure and stored the prediction in a video format
* Reduced the average search time by 45% compared to traditional methods

**Advice Invest Case (RStudio)**

* Corrected staffing inefficiency of the company using predictive analytics. Generated a classification algorithm and created a supervised model which helps maximize the company’s profit by 100% and keep the employees busy

# CERTIFICATIONS:

NPTEL Java Certification, PEGA Certified Senior System Architect (BPM, CRM), IBM Data Analytics in Python