**Lakshmi Roopavathy, Thatiparthi**

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GitHub: [*https://github.com/RoopaRaghav/*](https://github.com/RoopaRaghav/)

**Summary**

*Completed Computer Science Engineer with experience in analyzing large data sets and coming up with data driven insights with a certification in Data Science and Visualisation. Completed various projects end to end with different big data technologies and machine learning models.* *My analytical problem solving abilities combined with strengths in collaborating across diverse groups, makes me a valuable addition to any team.*

**Technical Skills**

*Python, JavaScript, VBscript, MongoDB, PostgresSQL, Machine Learning, AWS- RDS, Big DATA, PGAdmin, GIT, Tableau.*

**Projects**

1. *Women Well Being Analysis | UCSD Boot Camp Final Project - San Diego, CA*  0*1/2023* [*https://github.com/RoopaRaghav/FinalProject*](https://github.com/RoopaRaghav/FinalProject)

***Description****: Performed analysis on women well-being in 52 countries considering the major indicators like Education, Domestic violence, age, fertility and health.*

***Technologies******Used****: Python, AWS-RDS, PgAdmin, Clustering algorithms,Tableau.*

1. *Credit Risk Analysis | UCSD Boot Camp - San Diego, CA 2022 https://github.com/RoopaRaghav/Credit\_Risk\_Analysis*

***Description:*** *Supervised Machine Learning using different linear and logistic regression algorithms on unbalanced classification problem like Credit Risk analysis.*

***Technologies Used:*** *Python, Imbalanced-learn,Scikit learn, Linear regression and logistic regression models, GIT.*

1. *Crytocurrencies | UCSD Bootcamp - San Diego, CA* *2022* *https://github.com/RoopaRaghav/Cryptocurrencies*

***Description****: Unsupervised Machine Learning using clustering algorithms and developed Developed Unsupervised machine learning model for vast dataset of Cryptocurrencies that places cryptocurrencies in clusters.*

***Technologies******Used****: Python, Scikit learn, K-Means Clustering algorithms, GIT*

**Experience**

***Additional Experiences***

*Senior Software Engineer | NCR Corporations - Hyderabad India*

* *Designed a module that checks and monitors the self-service terminals.*
* *Trained and mentored junior developers and engineers in C# and improved the overall team performance.*
* *Worked extensively in the Software Coding, Debugging and Testing.*

***Software Engineer*** *| Caritor India Pvt.Ltd., Bangalore India*

***Project****: Computerized Criminal History, Records and Identification for State of Pennsylvania*

* *Responsible for design and development of a secure solution to store law enforcement records. It is utilized by the Pennsylvania Justice network and other state & national agencies.*

***Assistant Technical Engineer*** *| COMM labs India Pvt Ltd., Hyderabad*

*Trained in PHP and worked as an assistant technical engineer and assisted in creating e-learning projects.*

**Education**

*University of California - San Diego - La Jolla, CA 01/2023*

***UCSD Bootcamp****: Data Science and Visualizations GPA- 3.8*

A 24-week intensive program focused on gaining technical programming skills in Excel, VBA, Python, R, JavaScript, SQL Databases, Tableau, Big Data, and Machine Learning.

*NBKR Institute of Engineering - Nellore, India GPA – 3.0*

***Bachelor of Science*** *in Computer Science Engineering*