Muskula **Rahul Reddy**

SOFTWARE DEVELOPER

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Summary

I Am Empathetic And A Curious Individual,Keen On Learning New Things That Helps Me To Progress Both Professionally And Personally.I Am Looking Forward To Work In A Challenging Environment Where I Can Prove My Capabilities Through Hard Work and Team Play.Interested In Devising A Better Problem-Solving Method For Challenging Tasks, And Learning New Technologies And Tools If The Need Arises.

Education

C.B.I.T(Chaitanya Bharathi Institute Of Science And Technology)   *Gandipet, Hyderabad*
B.TECH IN ELECTRONICS AND COMMUNICATION ENGINEERING   *Jun. 2018 - May. 2023*
- CGPA: 8.01 (Till SIXTH SEMESTER)

Narayana Junior College   *Dilshuknagar, Hyderabad*
HIGHER SECONDARY EDUCATION   *Jun. 2016 - March. 2017*
- Score : 990/1000

J.S.M High School   *Hunter Road, Warangal*
SECONDARY EDUCATION   *Jun. 2006 - April. 2016*
- CGPA: 9.7/10.0

Projects

MAJOR PROJECTS

2021	**Crop Price Prediction**, This ML Model Has Good Fitting Of Data And Has Accurately Predicted The Price.Further Improvements Has Been Done To The Model With The Regularization Technique.Tested Results By Splitting Data Into Train-Dev-Test Sets. *Data-Set Credit: kaggle.com*	*Python And TensorFlow 2.0*
2021	**Automated Script To Monitor PC Properties**, This Script Will Interact With Our OS To Get PC's Current Statistics.We Can Use This Script To Monitor Our RAM Usage Continuously,It Makes A Buzzer Sound When Our RAM Usage Exceeds Threshold Set By Us, Saving Our System From Crashing.Our Progress Will Be Saved.	*Python*
2022	**Multi Classification Using Softmax Regression**, This ML Model Classifies Handwritten Digits With High Accuracy. I Developed The Model Using TensorFlow Along With Keras Library And SparseCategoricalCrossentropy As The Loss Function. *Data-set Credit: MNIST*	*Python And TensorFlow 2.0*
2022	**Anomaly Detection Using Isolation Forest Algorithm**, Isolation Forests, Similar To Random Forests, Are Build Based On Decision Trees.Here,Anomaly Detection Works By Isolating The Instances In The Data-set.By Creating Isolation Trees And Holding The Path Length Characteristics Of The Instance Of The Data-set And Isolation Forest (i-Forest) Applies Density Measures To Detect Anomalies.	*Python And TensorFlow 2.0*

MINOR PROJECTS

2021	**Number Guessing Game**, Implemented Using Python randint Module	*Python*
2022	**Phone-Number Info**, Takes Our Phone-number As Input And Gives Info Like Operator,Location	*Python*
2021	**Password Generator**, Generates A Random Password.This program can be improved but it mostly satisfies currently used industry standard practices for passwords. Sample Function Is Used For Sampling , And Then We Join It With The Sampled Characters,Numbers,Special-characters.	*Python*

Presentation

Low-FI Prototype In Figma   *Figma*

PRESENTED MY UX DESIGN CAPABILITIES BY DESIGNING A LOW-FI PROTOTYPE FOR FOOD ORDERING APP   *2022*

- Developed User Journey Maps To Understand User's Journey While Performing A Task
- Developed Personas To Understand User's Frustrations And Pain Points

Skills

Programming -	Python, Machine Learning , NumPy , Pandas , Git , C Language ,JAVA
DBMS -	PostgreSQL, SQL, MySQL
Software -	GitHub, Figma , OpenAI
User Experience -	Fundamentals Of UX Design(User-Journey Map,Personas,LowFI Prototypes)
Google Cloud Fundamentals	Core Infrastructure Basics

Certificates

1. **Machine Learning Specialization**
2. **Fundamentals Of Machine Learning For Health Care**
3. **PostgreSQL For Everybody Specialization**
4. **Google-IT Automation With Python**
5. **The Complete Git And GitHub Bootcamp**
6. **The Science Of Well Being**
7. **Google UX Design Certificate-Course 1,2,3**
8. **Introduction To Data Science In Python.**
9. **Google Cloud Fundamentals:Core Infrastructure**
10. **Neural Networks And Deep Learning**
11. **Improving Deep Neural Networks: Hyperparameter Tuning, Regularization And Optimization**

Activities

2018 -	**Active Member Of Anxiety And Depression Association Of America**, ADAA Is A Non Profit Organization That Helps People Suffering From Mental Health Issues	*India*
2019 -	**Volunteer**, Street Cause	*Hyderabad*
2022 -	**Member**, Python Software Foundation	*India*

Avocations

International Politics   *Through Social Media Platforms*

INTERNATIONAL POLITICS, REFERS TO THOSE POWER RELATIONS THAT OPERATE ON GLOBAL SPHERE.   *2017 -*

- Good Bilateral Relations Are Important For Economy And Security

Audiophile   *Live Experience And Intenet*

AN AUDIOPHILE IS A PERSON WHO IS ENTHUSIASTIC ABOUT HIGH-FIDELITY SOUND REPRODUCTION.   *2016 -*

- I Love Testing Audio Quality In Various Bit Depths (Usually 16/24/32-bit depth) Sampled At Different Frequencies.