Rakshith S Nadiger

Github: Rakshith102001| Linkedin: Rakshith S Nadiger
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EDUCATION

AMRITA UNIVERSITY
Integrated MCA (BCA+MCA)
June 2024 | Mysore,IN
CGPA: 8.7 / 10.0

JNANODAYA PU COLLEGE
Pre-University
Mar 2019 | Mysore,IN
Percentage: 85.6%

PRAGATHI VIDYA KENDRA
SSLC (10TH)
May 2017| Mysuru,IN
Percentage: 85%

LINKS

GitHub: **Rakshith102001**
LinkedIn: **Rakshith S Nadiger**
Hackerrank: **Rakshithsn2001**
Medium: **Rakshith S Nadiger**
Certificates: **Certificates**
Portfolio website: **Open Website**

AREAS OF INTEREST

Data Analytics
Machine Learning
Artificial Intelligence
Database Management System
Android Application Development

SKILLS

PROGRAMMING

Languages:
- Intermediate - Python,C++,Java
- Novice - Javascript

Tools Libraries:
- Github • Overleaf
- Android Studio • Pandas
- Numpy • Scikit-Learn

Technologies:
- HTML • CSS • SQL

SOFT SKILLS

- Problem Solving
- Communication
- Volunteering
- Team work

HACKATHON EXPERIENCE

SMART INDIA HACKATHON

August 2022 | Pune,IN | Team size - 6

- I worked with a team of 6 members in this Hackathon organized by Govt of India.
- We developed a solution for the problem of Digital Access Code allocation for all geo-locations in India
- My role was to look after the deployment of database and to develop front-end for Android Application

PROJECTS

APPLICATION OF IMAGE ENHANCING METHODS TO THE COVID-19 LUNG'S IMAGE DATASET

Tech Stack: Python, Computer Vision | Team size-2
We used Python programming language along with the OpenCV library to analyze a dataset of Covid-19 Lung Images, focusing on different techniques for enhancing the images. Our approach involved applying noise removal, smoothing, and sharpening techniques to the images in order to improve their quality and clarity.

CARBON EMISSION PREDICTION USING LINEAR REGRESSION

Tech Stack: Python, Pandas | Individual Project
I applied the widely used machine learning technique called Linear Regression to analyze a dataset on vehicle carbon emissions, which I obtained from Kaggle. Through this approach, my model successfully attained an accuracy rate of 80%.

PREDICTION OF GREEN HOUSE GAS EMISSION USING HYBRID APPROACH

Tech Stack: Python, Pandas | Team size-4
We devised a hybrid approach by combining Linear Regression and Logistic Regression techniques to predict Greenhouse Gas emissions using the SDG-13 Dataset. Our method yielded a commendable accuracy rate of 90.21%.

ANDROID APP FOR BILLING

Tech Stack: Java, Android Studio, SQLite Database | Individual Project
This app will take inputs of customer details and store it on the database. After saving customer details, One can generate the bill and save the Bill in to local storage (Mobile phone) in PDF format so that it becomes effortless in sharing the bill and details to customer.

SUPERMARKET MANAGEMENT SYSTEM

Tech Stack: Python, PHPMyadmin, MySQL | Individual Project
I have used Tkinter, a well-known Python Library for GUI, PhpMyAdmin for Database and various Data Structures of Python such as Lists, Dictionaries etc. User will be able to select the Products and get the bill.

CRIME DATA ANALYSIS AND PREDICTION

Tech Stack: Python, Google Colab | Team size - 4
Using the datasets provided by NCRB, We were able to build a predictive ML model using Gradient Boost Regressor algorithm which could predict the future crime rates. We were able to achieve 98.92% accuracy.My role in this project was Team lead and I built the predictive model.

LANGUAGES KNOWN

- Read,Write,Speak: Kannada, English
- Read,Speak - Telugu, Hindi

HOBBIES

- Cooking
- Exploring new places
- Reading books.

CERTIFICATIONS

COURSE CERTIFICATES

1. Python Programming (Basics) | University of Michigan | 19-Apr-2020
2. Python Data Structures | University of Michigan| 26-Apr-2020
3. Python for Data Science AI & Development | IBM | 02-May-2020
4. Data Analysis with Python | IBM | 26-May-2020
5. Google Data Analytics Professional Certificate | Google | 21-Aug-2021
6. Data Science Math Skills | Duke University | 5-Jan-2022
7. Introduction to TensorFlow for AI, ML, and Deep Learning | Deeplearning.ai | 28-Oct-2020
8. Neural Networks and Deep Learning | Deeplearning.ai | 09-Feb-2022

SKILL ASSESSMENT CERTIFICATES

1. Java Basic | Hackerrank | 15-May-2023
2. Business Analyst | Aspiring Minds | 03-May-2023
3. Data Processing Specialist | Aspiring Minds | 03-May-2023
4. SQL Intermediate | Hackerrank | 01-Feb-2023
5. SQL Basic | Hackerrank | 01-Feb-2023
6. Python Basic | Hackerrank | 19-Jan-2023

ACHIEVEMENTS

2022 Finalist of Smart India Hackathon 2022
2013 Secured First Class in State level Carnatic Music exam conducted by KSEEB.
2023 Authored few blogs which has been published on the Medium website.

VOLUNTEERING AND OTHERS

2022 Volunteered for Crowd Controlling in Mysore Startup Pavillion-2022
2023 Member of Amrita Coding Club.
2023 Member of Question setting Committee of event Codathon 2023 hosted by Amrita Coding club.
2023 Student Co-ordinator of Brainzee 2023

PERSONAL DETAILS

- Date of Birth: 10/07/2001
- Permanent Address:
  #222, 2nd main, Telecom layout, Bogadhi 2nd stage, Mysuru, Karnartaka-570026.