Rakshit Sisodiya

sisodiarakshit456@gmail.com | +91 982-986-1919

EDUCATION

NIT HAMIRPUR
BTech in Electrical Engineering
2021-2025 | Hamirpur, H.P

SMPS
XII CBSE Board
94.8%
PCM with CS
2021 | Bhilwara, Raj

SMPS
X CBSE Board
91.2%
2019 | Bhilwara, Raj

LINKS

Github:// **Rakshit-gen**
LinkedIn:// **Rakshit**

SKILLS

TECHNICAL SKILLS
Arduino
Assembly Language Programming
MATLAB
Data Structures
Algorithms
Machine Learning
Data Analysis
Web Scraping
Data Science
Git
Google Ads

PROGRAMMING
Advanced:
Python • Matlab • MySQL
Intermediate:
C • C++ • Assembly • CSS • JS • NLP •
Django • Java
Familiar:
OS • iOS • Android • Flask

SOFT SKILLS
Communication Fluency
Scheduling
Leadership
Management skills
Active Listening skills
Teamwork

PROJECTS

DESKTOP ASSISTANT • Source Code — May 2020
• Successfully integrated the desktop assistant with various APIs such as **Google Calendar and Gmail**, resulting in a seamless user experience for task management contributing to an increase in productivity by **50%**
• Tasks include sending emails and searching different queries and playing music
• Increased the work efficiency by **48% contributing to 7 tasks.**
• Exposure: Python libraries including **OS, speechrecognition, pyttsx3, wikipedia, webbrowser, smptlib**

DIABETES PREDICTIVE MODEL • Source Code — June 2023
• Developed and implemented a machine learning algorithm using sklearn and pandas to accurately predict diabetes in patients, resulting in an **85% success rate.**
• Uses a database of **over 100k people** increasing the probability of correct prediction
• Exposure: **MSExcel** and Python libraries including **Pandas, Numpy, scipy**.

INSURANCE PREDICTIVE MODEL • Source Code — June 2023
• Devised a supervised learning machine learning algorithm to predict medical insurance with **at least 90% accuracy.**
• Uses US simulated database consisting of **6 factors** used to predict health insurance in **2 different currency systems.**
• Exposure : Python libraries including **sklearn, pandas, numpy, csv, CurrencyConverter** and **linear regression.**

CERTIFICATIONS

DATA STRUCTURES AND ALGORITHMS BOOTCAMP — June 2023
Udemy
Credential ID-**UC-4b0cac45-1db6-4c70-ba08-6ac10c9cc8ee/**

PYTHON EXPERT CERTIFICATION — May 2023
Study Section
Credential ID-**666865**

POSITION OF RESPONSIBILITY

• Have contributed as a member of club OJAS for an year(**2021-2022**)
• Developed a desktop news notifier using Python and Java, resulting in a **98%** notification accuracy rate and reducing time spent researching news stories by **50%**.

ACHIEVEMENTS

• 4* at codechef with highest rating of **1841**
• Global Rank of **4/24000** in Starters 98 codechef
• Solved 100s of codechef, leetcode and codeforces questions