ADARSH SONKUSRE

@sonkusreadarsh@gmail.com inLinkedIn/AdarshSonkusre

(+91) 9028262895
GitHub/AdarshSonkusre

Nagpur, Maharashtra, India
 LeetCode/AdarshSonkusre

EXPERIENCE

Machine Learning Intern

IBM

m Dec 2022 - Feb2023

• Interned on **IBM DB recommendation system**, honing technical skills in code snippet suggestion system development and **enhancing Database architecture performance by 42%.** Gained proficiency in **task management**, and team dynamics.

Python Instructor

Sona Computers Pvt. Ltd.

Mar 2021 - May 2023

 Experienced Python Instructor adept at curriculum development, guided over 1500 students in 2 years of Python programming, problem-solving, and project-based learning. Effective communicator with strong management abilities.

PROJECTS

Morse Code Detector using Machine Learning %

Python, C++, Machine Learning, NLP, TensorFlow, Arduino IDE

 Engineered a robust algorithm for precise Morse code to English conversion. Employed Python and C++, alongside innovative technologies like Machine Learning, IoT, and Arduino IDE. This multidisciplinary approach ensured optimal performance and adaptability to diverse applications.

Sign Language Detection Application %

Python, Machine Learning, NLP, Java, Android SDK

 Developed a Sign Language Detection Application leveraging Python, Pandas, Matplotlib, Android SDK, and Machine Learning algorithms achieving 99% accuracy. Implemented user-friendly interface and advanced ML techniques for seamless interpretation, fostering inclusivity and accessibility.

Automated Budget Tracker Application %

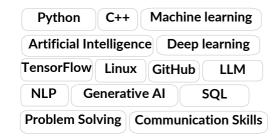
Python, Pandas, Tkinter, Matplotlib

- Developed a Python application to automate personal budget tracking. Utilized libraries like Pandas for data manipulation and Matplotlib for visualization. Implemented a user-friendly interface for expense input and generated insightful reports.
- Implemented SQLite database for data storage and integrated notifications for budget alerts and summaries.

EDUCATION

B.Tech in Al and Data Science Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur

SKILLS



ACHIEVEMENTS

- Secured 1st Rank at the ISTE national convention for paper presentation.
- Secured 2nd Rank at IEE's Technovation state competition.
- Secured 2nd Rank at Technovanza 2k23

CERTIFICATION

- Harward University's best practices for biomedical research data management certificate.
- The Python3 Certification. %
- Essential Microsoft Excel from Beginner to Advanced level.
- Udemy's SQL Certification. %

COURSEWORK

