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Sec-3, Kharghar, Navi Mumbai-MH

SURAJ KUMAR

Student

EDUCATION

D.A.V. Public School, Buxar
HSC (83.2%)

2018 – 2020

Bharati Vidyapeeth Deemed To be University-DET, Navi Mumbai
Bachelors in Technology
Computer Science and Engineering (with specialization in AIML)
(current C.G.P.A.: 9.24)

2021 – 2025

SKILLS

- **Programming Languages**: Python, R, SQL; HTML, CSS, JavaScript; C, Java(basics).

- **Operating Systems and Tools**: Windows, Linux, Power BI, MySQL.

- **Libraries:** Scikit, TensorFlow, Pandas, NumPy, seaborn.

- **Frameworks:** Django, PyCharm, streamlit, R studio

- **Concepts:** Artificial Intelligence and Machine Learning, Deep Learning, Data Structure and Algorithms, DBMS

CERTIFICATIONS:
1. GenAI Study Jam 2023-24 by Google Cloud
(ISSUED MAY 2024)
 2. Data Analytics Essentials by CISCO
(ISSUED August 2024)

INTERESTS:
Chess, Badminton, Book Reading.

PROFESSIONAL EXPERIENCE

Internship:

Data Science Intern at Exposys Data Labs, Bengaluru |
May, 2024 - June,2018

- Created and implemented a predictive model to assess an individual's diabetic health.
- Designed and executed feature engineering techniques alongside a mentor, leading to a 20% increase in the model's predictive power; streamlined data processing reduced analysis time by 30 hours per month for the research team.
- Achieved an impressive accuracy rate of 72% by analyzing relevant health data and leveraging machine learning techniques.
- Designed and implemented an intuitive interface for users to feed their data, including Glucose Level, Insulin, Age, and BMI.

Project:

1. **Diabetes Prediction System**.
✓ Created a robust prediction system by implementing machine learning concepts using PyCharm correctly up to 72%.
2. **Plant Disease Detection System.**
✓ Utilized deep learning and machine learning concepts to train a model for identifying plant disease by their leaves image in a streamlit web framework of python with an accuracy of 92.2% with using 5 epochs.
3. **Web Scrapping Tool using Python.**
✓ Developed a cutting-edge news aggregator that scrapes headlines and articles from diverse news websites serving 10,000 users daily, providing them with real-time updates and a comprehensive view of current events.
4. **Chess Engine using Python.**
✓ Reduced average move evaluation time by 30% compared to existing engines and also get an evaluation accuracy rate of 95% in predicting optimal moves.
5. **AI Chatbot using Python, NLP and API key.**
✓ Developed and launched a sophisticated AI chatbot, facilitating human-like interactions with users and boosting customer retention rates by 30%, while decreasing average response time by 60%.

Extra-Curricular Activities:

1. BIS Member, Navi Mumbai, Maharashtra
    Sep., 2023 to April, 2024
- Championing the BIS Care App to raise awareness about Indian standards within the local community and Received an Appreciation Prize of Rs1500 for successful campaign completion.
•Presented on a topic related to BIS standards in college seminar.
•Gain 4th Position in the presentation competition.
2. Technical Volunteer in Alkemy at BVDU, Navi Mumbai
    March, 2023
 •Led Team in Conducting Technical Audits and Presentations for Seamless Event Execution.