Divyanshu Bhardwaj

Gmail- divyanshubhardwaj0512@gmail.com | GitHub- https://github.com/Divyanshubhardwaj2002 | Contact No- +917999879319
Portfolio-https://divyanshubhardwaj2002.github.io/portfolio/ | Linkedin- https://www.linkedin.com/in/divyanshu-bhardwaj-

SUMMARY

Detail-oriented and highly motivated UGC-NET qualified and MCA postgraduate with a strong foundation in software development, data structures, and computer networks. Skilled in programming languages such as Java, Python, and C++, with hands-on experience in web development, database management, and cloud technologies. Demonstrated ability to work collaboratively in team environments and adapt quickly to new technologies. Seeking an entry-level or junior developer role to leverage academic knowledge and contribute to innovative software solutions.

SKILLS

Technical Skills: SQL, HTML, CSS, JavaScript, CSS, Python, Power bi, Artificial Intelligence, Machine Learning & Data Science, Data Manipulation, Deep Learning, Data Visualization,

Soft Skills: Analytical thinking, teamwork, leadership, academic research

EXPERIENCE

MENTAL HEALTH PREDICTION USING MACHINE LEARNING   *Research Project | ABVV (May – July 2024*

- Developed an AI/ML-driven model to predict mental health conditions based on behavioral, emotional, and cognitive indicators.
- Adopted a **Mixed-Methods Approach (MMA)** to combine both qualitative and quantitative data, enhancing the depth and accuracy of insights.
- Dataset incorporated diverse features including sleep disturbances, appetite changes, fatigue, suicidal thoughts, anxiety episodes, irritability, and cognitive impairments.
- Trained the model using **Logistic Regression (LR)**, **K-Nearest Neighbors (K-NN)**, **Decision Tree (DT)**, and **Random Forest (RF)** classifiers.
- Achieved **high accuracy**, with high precision and recall, making it reliable for early detection of mental health risks.

NLP BASED VOICE ENABLED LANGUAGE TRANALATOR   *Internship Project – NLP | ABVV (Feb – Apr 2024)*

- Developed a voice-based language translator using Natural Language Processing (NLP) and Machine Learning techniques to facilitate real-time multilingual communication. The project was divided into three core phases:
- **Speech-to-Text**: Captured and processed user speech input using Python libraries like SpeechRecognition, GTTS, and Google APIs, converting it into accurately transcribed text.
- **Text-to-Text Translation**: Built a Seq2Seq model with RNN and LSTM architecture to perform efficient language translation, trained on a cleaned dataset to improve accuracy.
- **Text-to-Speech**: Synthesized the translated output into speech using Playsound, GTTS, and Google Text-to-Speech APIs, delivering natural-sounding audio output. The final system successfully automated the end-to-end translation pipeline, demonstrating the practical application of AI in voice-based multilingual systems.

Education

Master of Computer Application	**80%**
Atal Bihari Vajpayee Vishwavidyalaya Bilaspur (CG)	Aug 2022 – July 2024

Coursework: Python, Data Science and Algorithm, Data Mining, Soft Computing, Big Data Analysis, Artificial Intelligence, Machine Learning, Object Oriented Programming, Java, Databases and management System, SQL,Operating System, Computer Networks, Image Processing, Software Engineering, Computer Architecture

B.Sc (CS)	**Percent-74%**
Govt. E.R.R. PG Science College Bilaspur (CG)	July 2019 – July 2022

ADDITIONAL INFORMATION

Certifications:

Prompt Engineering | Python | Data Science | Deep Neural Network | Introduction to java | Data Visualization with power BI | Data Analysis| Html, CSS & Java Script