Rishabh Bhatnagar

About Me

My name is Rishabh Bhatnagar and I am a 2024 graduate. I have completed my B.Tech in IT from Bharati Vidyapeeth's College of Engineering, Delhi. I am a resident of Delhi. I am proficient in Core Java Programming along with Data Structures and Algorithms. I am a beginner at MERN Stack Web Development. I am also interested in learning Artificial Intelligence and Data Science.

Skills and Interests

Skills

i. Java
ii. HTML/CSS
iii. JavaScript
iv. ReactJS
v. NodeJS
vi. MongoDB
vii. MySQL
viii. GitHub

Interests

i. Python
ii. Artificial Intelligence
iii. Data Science
iv. Django
v. Flask
vi. React Native
vii. NextJS
viii. TypeScript

Projects

ChatVerse: MERN Stack Real-Time Chat Application

- Developed a real-time MERN stack chat application with a responsive UI using Tailwind CSS.
- Enhanced data privacy by implementing JWT-based user authentication.
- Integrated Socket.IO for real-time communication, improving user interaction.
- Project Link: [ChatVerse](#)

Potato Plant Disease Classifier: Final Year Deep Learning Project

- Collaborated with a team to develop a CNN model using TensorFlow 2, achieving 97% accuracy in classifying potato diseases using Kaggle Plant Village dataset.
- Executed a comparative analysis of hyperparameter configurations, with the Adam optimizer achieving the highest accuracy (97.1%), outperforming both SGD and RMSprop.
- Presented findings with classification reports, ROC curves, and confusion matrices.
- Integrated the model into a Flask web application, offering users unlimited real-time disease detection attempts.
- GitHub Link: [Potato Plant Disease Classifier](#)

Contact Information

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