Brijesh TA

Contact

+91-95002-67763

tabrijesh2005@gmail.com

https://www.linkedin.com/in/brijesh-ta/

Languages

- English
- German (basic)

Expertise

- Management
- Skills Creativity
- Critical Thinking
- Leadership

Skills

Programming Languages
- Python
- C / C++
- Java
- SQL
- R

Web & App Development
- HTML, CSS, JavaScript
- React.js / Node.js

Database Management
- MySQL
- MongoDB

Data Science / ML
- NumPy, Pandas
- Matplotlib / Seaborn
- TensorFlow / PyTorch
- NLTK / SpaCy (for NLP)

About Me

B.Tech student specializing in Data Science, with hands-on experience in machine learning and full stack development projects. Eager to learn new technologies, adapt to different situations, and work effectively in team with the passion for building scalable and data-driven solutions.

Education

2023-2027 - Pursuing Under Graduation in B.Tech (Computer Science Engineering with Data Science specialisation) in VIT Chennai.

2023 - Passed out 12th from C.B.S.E Board

2021 - Passed out 10th from C.B.S.E Board

Achievements

- Winner of National Level Hackathon "Dataset 2024" among 50+ teams.
- Secured Internship opportunity as part of the competition.

Certification

- Completed "Cybersecurity Analyst" Professional Certificate by IBM

Projects

Explainable AI in Visual Question Answering (VQA)
- Developed a Visual Question Answering system integrating CNN for image feature extraction and LSTM for question processing using CLEVR dataset
- Evaluated model interpretability using human-centric metrics and example-based visual justifications
- Tools: Python, PyTorch, TensorFlow, OpenCV, CLEVR datasets

Password Sniffing Simulation over Insecure Protocols
- Simulated password sniffing using Wireshark and Python scripts on HTTP and FTP protocols in a controlled lab environment
- Demonstrated how credentials can be exposed over non-encrypted connections, highlighting the importance of secure protocols like HTTPS and SFTP
- Project aimed at understanding network vulnerabilities and promoting ethical cybersecurity practices